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OCTOBER 1978 SUMMARY



FEDERAL MILK ORDER MARKET STATISTICS

OCTOBER HIGHLIGHTS

MINIMUM CLASS I PRICE, \$11.80; BLEND, \$11.24

PRODUCER DELIVERIES UP 0.6 PERCENT

PRODUCER MILK USED IN CLASS I UP 0.2 PERCENT

57 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 0.6 PERCENT

* * * * * * * * * * * * * * *
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* *
* FLUID MILK SALES BY SIZE AND *
* TYPE OF CONTAINERS AND *
* DISTRIBUTION METHOD, 1977 *
* * * * * * * * * * * * * * * * *

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
DAIRY DIVISION
WASHINGTON, D.C.

ISSUED - December 1978

FMOS - 226

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FEDERAL MILK ORDER MARKET STATISTICS

Summary of Producer deliveries, producer deliveries used in Class I, and prices

Year	No.	Number	Average of markets	Producer of producers	Change from prev. year 1/ prod.	Average deliveries per producer	Deliveries used in Class I	Change from prev. year 1/ prod.	Class I utilization	Prices per 100 pounds (3.5 percent)
		Number	Bil. lb.	Pct.	Bil. lb.	Pct.	Bil. lb.	Pct.	Percent	Dollars
1973	61	131,565	66.2	-3.6	1,386	40.5	-1.0	61	8.03	7.31
1974	61	126,094	67.8	2.3	1,473	39.3	-3.0	58	9.35	8.36
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36	8.64
1976	50	122,675	74.6	7.4	1,661	41.0	1.9	55	10.70	9.75
1977	47	122,733	77.9	4.8	1,740	41.1	.6	53	10.59	9.69

1/ Percentages computed from unrounded pounds. Data for 1976 adjusted to a 365-day basis before computing percentage changes.

Year and month :mkt. 2/:	No.	Number	Producer of producers	Change from prev. year 1/ Total prod.	Average daily deliveries per year 1/ Total prod.	Deliveries used in Class I	Change from prev. year 1/ prod.	Class I utilization	Prices per 100 pounds (3.5 percent)	
		Number	Bil. lb.	Pct.	Mil. lb.	Bil. lb.	Pct.	Percent	Dollars	
1978:	Jan.	118,323	6.4	1.6	205.1	1,734	3.6	1.4	56	10.91
	Feb.	117,336	5.8	1.2	208.9	1,780	3.2	1.3	55	10.99
	Mar.	117,367	6.7	.4	215.7	1,838	3.5	-.2	53	11.03
	Apr.	116,849	6.7	.1	223.6	1,914	3.3	-1.6	49	11.12
	May	116,013	7.0	-.8	226.0	1,948	3.4	-3.8	47	11.21
	June	115,590	6.7	.1	222.4	1,924	3.1	.5	47	11.36
	July	115,224	6.4	-.9	207.9	1,804	3.1	-.5	48	11.37
	Aug.	115,936	6.3	-1.4	203.2	1,753	3.3	-.7	52	11.37
	Sept.	115,633	6.0	-.6	200.1	1,731	3.5	-1.3	58	11.44
	Oct.	115,251	6.1	.6	198.0	1,718	3.5	.2	57	11.80
	Nov.	:	:	:	:	:	:	:	:	:
	Dec.	:	:	:	:	:	:	:	:	:
Year to date 3/	:	116,352	64.2	0	211.1	1,814	33.5	.3	52	11.26
										10.54
										10.38
										9.62

1/ Percentages computed from unrounded pounds.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes.

Excludes Iowa.

3/ Average or total. May not add due to rounding.

Summary of packaged fluid milk and fluid cream product sales 1/

		Whole milk items 2/	Lowfat and skim milk items 3/	Milk and Cream mixtures	Gream items 4/	Total fluid milk and fluid cream items 5/
No.	Mil. lb.	Mil. Percent:				
Year	mkts.	: Change over : Sales prev. : Sales test/	: Change over : Sales prev. : Sales test/	: Change over : Sales prev. : Sales test/	: Change over : Sales prev. : Sales test/	: Change over : Sales prev. : Sales test/
		:year 6/				
1974	61	28,067 - 5.6	3,411: 10,910 6.4	1,461: 386	- 4.5 10.9:	328 7/ 7.6 22.1: 39,881 - 2.5
1975	56	27,939 - .5	3,371: 11,989 9.9	1,471: 378	- 2.0 11.0:	363 7/10.9 21.8: 40,890 2.5
1976	50	27,726 - 1.0	3,351: 13,127 9.2	1,481: 399	- 5.2 11.0:	383 5.3 22.1: 41,882 2.2
1977 8/	46	23,094 - 2.3	3,331: 13,313 7.3	1,491: 343	- .7 11.1:	350 -2.3 21.1: 37,398 1.1
1978 8/	46	2,005 - 1.1	3,341: 1,191 5.8	1,511: 26	- 2.6 11.2:	23 - 3.9 20.3: 3,261 1.3
Jan.	46	1,807 - 1.1	3,331: 1,099 6.0	1,501: 25	- 5.5 10.9:	24 2.3 20.7: 2,970 1.4
Feb.	46	1,985 - 2.5	3,321: 1,220 4.6	1,491: 28	- 2.1 10.8:	30 8.0 21.1: 3,284 .1
Mar.	46	1,836 - 4.9	3,321: 1,146 3.2	1,481: 26	- 7.5 10.9:	25 -12.9 21.1: 3,051 -2.2
Apr.	46	1,887 - .3	3,321: 1,178 8.7	1,491: 28	- .5 10.8:	29 4.1 21.3: 3,141 2.9
May	46	1,737 - 2.3	3,311: 1,058 3.9	1,491: 27	- 3.0 10.8:	28 - 2.2 21.1: 2,869 -.3
June	46	1,728 - 3.2	3,311: 1,027 2.0	1,501: 27	- 3.5 10.9:	27 2.2 21.1: 2,826 -1.5
July	46	1,836 - 3.6	3,311: 1,105 2.7	1,501: 28	- 5.1 10.8:	28 - 4.4 20.7: 3,015 -1.5
Aug.	46	1,920 - 3.6	3,321: 1,210 3.1	1,511: 27	- 5.3 10.9:	25 - 5.0 20.7: 3,198 -1.3
Sept.						
Oct.						
Nov.						
Dec.						
Year to date	---	16,742 - 2.5	3,321: 10,234 4.5	1,501: 242	- 3.9 10.9:	239 - 1.8 20.9: 27,614 -.1

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored, skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for 1976 adjusted to a 365-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey.

Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year to : 02/ 30 2009 : 12 250 50 271 : 2 000 : 0 100 2 000 : 11 2 : 6 000 : 11 2 :

¹⁴ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as

21 Includes, in addition to listed manufactured products, milk, skim milk, and cream used in evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; milk, skin milk, and cream used in milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.
3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of

product.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

1/ In area sales represent total sales in each of the areas by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore some handles in area sales may be directed to areas outside the area.

Therefore, some number in-area sales are partially estimated.

3/ Plain, fortified, and flavored

4/ Percentages based on the same number of comparable markets in both years. Data for 1976 adjusted to a 365-day basis before conversion.

computing percentage changes.

$\frac{5}{3}$. Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 221, July 1978.

⁶/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

^{8/} Excludes the New York-New Jersey and New Orleans-Mississippi markets.

Table 1.—Federal order fluid differentials, November and December 1978; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point* and butterfat differentials, November 1977 and 1978

* Generally the major city in the marketing area. See footnotes on table 2 for location. ** Effective December 1, 1978, the Class I price was reduced 6 cents.

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, OCTOBER**

MARKETING AREA	PRICES PER 100 POUNDS							FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS	CLASS	CLASS		BLEND		
	OCT 1978	OCT 1977	CCT 1978	CCT 1977	OCTOBER 1978	1978	I	II	III	OCTOBER 1978	
DOLLARS											CENTS
NEW ENGLAND											
NEW ENGLAND 1/	12.66	11.62	12.32	11.10	10.24	---	13.3	13.3	13.3	13.3	
AVERAGE 2/	12.66	11.62	12.32	11.10	---	---	13.3	13.3	13.3	13.3	
MIDDLE ATLANTIC											
NEW YORK-NEW JERSEY 3/	12.29	11.28	11.81	10.59	10.32	---	13.3	13.3	---	13.3	
MIDDLE ATLANTIC 4/	12.46	11.42	5/ 11.46	5/ 10.32	10.26	---	13.3	13.3	---	13.3	
AVERAGE 2/	12.35	11.34	11.68	10.49	---	---	13.3	13.3	---	13.3	
SOUTH ATLANTIC											
TAMPA BAY	12.63	11.59	12.47	11.48	10.33	---	13.3	13.3	---	13.3	
SOUTHEASTERN FLORIDA 6/	12.83	11.79	12.73	11.88	10.33	7/ 5.20	13.3	13.3	13.3	13.3	
UPPER FLORIDA 8/	12.53	11.49	12.47	11.69	10.33	---	13.3	13.3	---	13.3	
GEORGIA 9/	11.98	10.94	11.67	10.56	10.28	10.18	13.3	13.3	13.3	13.3	
AVERAGE 2/	12.38	11.35	12.16	11.23	---	---	13.3	13.3	---	13.3	
EAST NORTH CENTRAL											
EASTERN GROUP											
SOUTHERN MICHIGAN 10/	11.28	10.24	10.84	9.61	10.33	10.18	13.1	13.1	13.1	13.1	
EASTERN OHIO-WESTERN PA. 11/	11.53	10.49	12/ 10.32	12/ 10.13	10.28	10.18	13.3	13.3	13.3	13.3	
OHIO VALLEY 13/	11.38	10.34	11.27	10.65	10.28	10.18	13.3	13.3	13.3	13.3	
AVERAGE 2/	11.39	10.35	10.80	9.50	---	---	13.2	13.2	---	13.2	
WESTERN GROUP											
MICHIGAN UPPER PENINSULA 14/ 15/	11.03	9.99	10.65	9.53	10.18	---	14.5	13.3	---	13.9	
CHICAGO REGIONAL 16/	10.94	9.90	10.60	9.31	10.28	10.18	13.3	13.3	13.3	13.3	
LSVILLE-LXGTEN-EVNSVILLE	11.38	10.34	11.44	10.30	10.28	10.18	13.3	13.3	13.3	13.3	
INDIANA 17/	11.15	10.11	12/ 10.89	12/ 10.01	10.28	10.18	13.3	13.3	13.3	13.3	
SOUTHERN ILLINOIS 18/	11.21	10.17	11.33	10.09	10.28	10.18	13.3	13.3	13.3	13.3	
CENTRAL ILLINOIS 19/	11.07	10.03	11.12	10.02	10.28	10.18	13.3	13.3	13.3	13.3	
AVERAGE 2/	11.07	10.03	10.77	9.55	---	---	13.3	13.3	---	13.3	
WEST NORTH CENTRAL											
NORTHERN GROUP											
UPPER MIDWEST 20/	10.80	9.76	10.39	9.06	10.28	10.18	13.3	13.3	13.3	13.3	
EASTERN SOUTH DAKOTA 21/	11.08	10.04	10.75	9.55	10.28	10.18	13.3	13.3	13.3	13.3	
BLACK HILLS 22/	11.63	10.59	11.14	10.09	10.18	---	13.9	12.7	---	13.3	
IOWA 23/	11.08	10.04	10.72	9.49	10.28	10.18	13.3	13.3	13.3	13.3	
NEBRASKA - WESTERN IOWA 24/	11.28	10.24	12/ 10.77	12/ 9.56	10.28	10.18	13.3	13.3	13.3	13.3	
AVERAGE 2/	10.94	9.91	10.46	9.15	---	---	13.3	13.3	---	13.3	

* Major city in the marketing area. ** All averages are weighted. 1/ Nearby plant zone prices; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less. 2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa. 3/ New York City metropolitan area. Price excludes a 15-cent direct delivery differential in 1978, 5 cents in 1977. Prices at 201-210 mile zone: Class I and blend, 36 cents less in 1978, 24 cents less in 1977; Class II eight cents less. 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. 5/ Seven cents for advertising and promotion has been deducted from the blend price. 6/ Miami. 7/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 8/ Jacksonville and Tallahassee. 9/ Atlanta. 10/ Price excludes direct delivery differentials applicable to milk delivered to Detroit of 8 cents in 1977 and 10 cents in 1978. 11/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 12/ Five cents for advertising and promotion has been deducted from the blend price. 13/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 14/ Zone 2 (Marquette). 15/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 16/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. 17/ Indianapolis. 18/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. 19/ Peoria. 20/ Zone I (Minneapolis). 21/ Sioux Falls. 22/ Rapid City, South Dakota. 23/ Zone I (Des Moines). Class I prices at other points in the marketing area: Rock Island, IL., minus seven cents; Waterloo, minus sixteen cents. 24/ Zone I (Omaha).

TABLE 2.-FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.P. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, OCTOBER** -CON.

MARKETING AREA	PRICES PER 100 POUNDS								BUTTERFAT DIFFERENTIAL 0.1%				
	CLASS I		BLEND		CLASS II		CLASS III		CLASS I	CLASS II	CLASS III	BLEND	
	OCT 1978	OCT 1977	CCT 1978	CCT 1977	OCTOBER 1978	OCTOBER 1977	OCTOBER 1978				CENTS		
DOLLARS												CENTS	
WEST NORTH CENTRAL -CON. SOUTHERN GROUP													
ST LOUIS - Ozarks 25/	11.28	10.24	12/ 11.20	12/ 10.01	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
GREATER KANSAS CITY 26/	11.42	10.38	12/ 10.94	12/ 9.80	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
NECOSH VALLEY 27/	11.33	10.29	11.04	12/ 10.20	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
WICHITA 28/	11.48	10.44	12/ 11.18	12/ 10.05	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
AVERAGE 2/	11.33	10.30	11.13	9.95	---	---	13.3	---	---	---	13.3		
EAST SOUTH CENTRAL													
PACUCAH	11.38	10.34	11.70	10.48	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
NASHVILLE	11.53	10.49	11.15	9.92	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
MEMPHIS 29/	11.62	10.58	12/ 11.39	12/ 10.26	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
TENNESSEE VALLEY 30/	11.78	10.74	11.53	10.35	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
AVERAGE 2/	11.68	10.64	11.43	10.24	---	---	13.3	---	---	---	13.3		
WEST SOUTH CENTRAL NORTHERN GROUP 31/													
CENTRAL ARKANSAS 32/	11.62	10.58	12/ 11.44	12/ 10.40	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
OKLAHOMA METROPOLITAN 33/	11.66	10.62	12/ 11.26	12/ 10.33	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
RED RIVER VALLEY 34/	11.88	10.84	12/ 11.43	12/ 10.40	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
TEXAS PANHANDLE 35/	11.93	10.89	12/ 11.65	12/ 10.62	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
LUBBOCK - PLAINVIEW	12.10	11.06	12/ 11.92	12/ 10.65	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
AVERAGE 2/	11.71	10.67	11.38	10.40	---	---	13.3	---	---	---	13.3		
SOUTHERN GROUP													
GREATER LOUISIANA 36/	12.15	11.11	11.94	10.82	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
NEW ORLEANS-MISSISSIPPI 37/	12.53	11.49	12.14	10.98	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
TEXAS 38/	12.00	10.96	12/ 11.53	12/ 10.50	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
AVERAGE 2/	12.13	11.08	11.73	10.63	---	---	13.3	---	---	---	13.3		
MOUNTAIN													
EASTERN COLORADO 39/	11.98	10.94	11.49	10.22	10.33	10.18	15.1	13.9	13.8	13.8	14.6		
GREAT BASIN 40/	11.58	10.54	11.14	9.87	10.33	10.18	13.9	13.9	13.8	13.8	13.6		
WESTERN COLORADO 41/	11.68	10.64	11.56	10.48	10.23	10.18	13.9	13.9	13.8	13.8	13.9		
CENTRAL ARIZONA 42/	12.20	11.16	11.58	10.40	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
RIO GRANDE VALLEY 43/	12.03	10.99	12/ 11.48	12/ 10.53	10.28	10.18	13.3	13.3	13.2	13.2	13.3		
LAKE MEAD 44/	11.28	10.24	11.11	9.85	10.33	10.18	13.9	13.9	13.8	13.8	13.7		
AVERAGE 2/	11.92	10.88	11.42	10.24	---	---	14.0	---	---	---	13.8		
PACIFIC													
PUGET SOUND 45/	11.53	10.49	10.83	9.54	10.43	10.18	13.3	13.3	13.2	13.2	13.3		
INLAND EMPIRE 46/	11.63	10.59	11.01	9.70	10.43	10.18	14.2	13.3	13.2	13.2	13.7		
OREGON - WASHINGTON 47/	11.63	10.59	11.07	9.67	10.43	10.18	13.9	13.3	13.2	13.2	13.5		
AVERAGE 2/	11.59	10.55	10.94	9.69	---	---	13.7	---	---	---	13.4		
45-MARKET AVERAGE 2/ 31/	11.80	10.76	11.24	10.10	48/ 10.27	---	13.3	---	---	---	13.3		
ALL-MARKET AVERAGE	11.78	10.75	11.23	10.08	48/ 10.27	---	13.3	---	---	---	13.3		

25/ Zone I (St. Louis and Springfield). 26/ Kansas City and Topeka. 27/ Pittsburg, Kansas. 28/ Zone I (Wichita). 29/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 30/ Bristol, Chattanooga, and Knoxville. 31/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1978, \$11.63 and 1977, \$10.59; Blend 12/ 1978, \$11.38 and 1977, \$10.33; Class II 1978, \$10.28 and 1977, \$8.84; Class III 1978, \$10.18 and 1977, \$8.74. Fat differentials: Class I 1978, 13.3¢ and 1977, 11.6¢; Class II 1978, 13.3¢ and 1977, 11.6¢; Class III 1978, 13.3¢ and 1977, 11.6¢; Blend 1978, 13.3¢ and 1977, 11.6¢. 32/ Little Rock. 33/ Oklahoma City. 34/ Wichita Falls, Texas. 35/ Amarillo. 36/ Monroe and Shreveport.

37/ Zone I (New Orleans). 38/ Zone I (Dallas). Class I price at Houston, plus 36 cents. 39/ Denver. 40/ Salt Lake City, Utah. 41/ Grand Junction. 42/ Phoenix. 43/ Albuquerque, Santa Fe, and El Paso. 44/ Las Vegas, Nevada. 45/ District I (Seattle). 46/ Spokane, Washington. 47/ Portland. 48/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3.—FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.B.
MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES 1/

MARKETING AREA	CLASS I*			BLEND*		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
	DOLLARS PER 100 POUNDS					
NEW ENGLAND						
NEW ENGLAND	12.12	11.41	.71	11.03	10.30	.73
AVERAGE 2/	12.12	11.41	.71	11.03	10.30	.73
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	11.76	11.07	.69	10.50	9.76	.74
MIDDLE ATLANTIC	11.91	11.20	.71	10.73	10.03	.70
AVERAGE 2/	11.82	11.12	.70	10.58	9.86	.72
SOUTH ATLANTIC						
TAMPA BAY	12.08	11.36	.72	11.85	11.28	.57
SOUTHEASTERN FLORIDA	12.28	11.57	.71	12.10	11.57	.53
UPPER FLORIDA	11.99	11.27	.72	11.96	11.24	.52
GEORGIA	11.44	10.73	.71	11.00	10.26	.74
AVERAGE 2/	11.85	11.14	.71	11.53	10.91	.62
EAST NORTH CENTRAL						
EASTERN GROUP						
SOUTHERN MICHIGAN	10.74	10.02	.72	10.14	9.36	.78
EASTERN OHIO-WESTERN PA.	10.99	10.27	.72	10.12	9.46	.66
OHIO VALLEY	10.84	10.13	.71	10.25	9.48	.77
AVERAGE 2/	10.85	10.14	.71	10.16	9.43	.73
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	10.49	9.78	.71	9.99	9.21	.78
CHICAGO REGIONAL	10.40	9.69	.71	9.85	9.02	.83
LSVILLE-LXGTN-EVNSVILLE	10.84	10.13	.71	10.19	9.42	.77
INDIANA	10.60	9.88	.72	10.20	9.29	.81
SOUTHERN ILLINOIS	10.67	9.95	.72	10.16	9.38	.78
CENTRAL ILLINOIS	10.53	9.82	.71	10.10	9.31	.79
AVERAGE 2/	10.53	9.82	.71	9.95	9.14	.81
WEST NORTH CENTRAL						
NORTHERN GROUP						
UPPER MIDWEST	10.26	9.55	.71	9.60	8.80	.80
EASTERN SOUTH DAKOTA	10.54	9.83	.71	10.01	9.19	.82
BLACK HILLS	11.11	10.38	.73	10.40	9.45	.95
IOWA 2/	10.54	9.81	.73	9.96	9.18	.78
NEBRASKA - WESTERN IOWA	10.74	10.02	.72	10.06	9.23	.83
AVERAGE 2/	10.41	9.69	.72	9.68	8.88	.80

CONTINUED

TABLE 3.—FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.B.
MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES 1/-CON.

MARKETING AREA	CLASS I*			BLEND*		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
	DOLLARS PER 100 POUNDS					
WEST NORTH CENTRAL -CON.						
SOUTHERN GROUP						
ST LOUIS - CZARKS	10.74	10.02	.72	10.19	9.41	.78
GREATER KANSAS CITY	10.88	10.16	.72	10.21	9.38	.83
NEOSHO VALLEY	10.80	10.08	.72	10.60	9.92	.68
WICHITA	10.94	10.23	.71	10.34	9.50	.84
AVERAGE 2/	10.80	10.08	.72	10.21	9.41	.80
EAST SOUTH CENTRAL						
PACUCAH	10.84	10.12	.72	10.46	9.71	.75
NASHVILLE	10.99	10.28	.71	10.31	9.49	.82
MEMPHIS	11.08	10.36	.72	10.80	10.06	.74
TENNESSEE VALLEY	11.24	10.53	.71	10.81	10.04	.77
AVERAGE 2/	11.14	10.42	.72	10.66	9.87	.79
WEST SOUTH CENTRAL						
NORTHERN GROUP 4/						
CENTRAL ARKANSAS	11.08	10.37	.71	10.84	10.03	.81
OKLAHOMA METROPOLITAN	11.12	10.41	.71	10.52	9.75	.77
RED RIVER VALLEY	11.33	10.81	.72	10.76	9.99	.77
TEXAS PANHANDLE	11.39	10.68	.71	11.03	10.03	1.00
LUBBOCK - PLAINVIEW	11.56	10.85	.71	11.32	10.47	.85
AVERAGE 2/	11.17	10.46	.71	10.69	9.89	.80
SOUTHERN GROUP						
GREATER LOUISIANA	11.61	10.89	.72	11.20	10.52	.68
NEW ORLEANS-MISSISSIPPI	11.99	11.27	.72	11.29	10.54	.75
TEXAS	11.46	10.75	.71	10.97	10.16	.81
AVERAGE 2/	11.59	10.87	.72	11.07	10.28	.79
MOUNTAIN						
EASTERN COLORADO	11.44	10.73	.71	10.86	10.16	.73
GREAT BASIN	11.05	10.33	.72	10.38	9.53	.85
WESTERN COLORADO	11.15	10.43	.72	10.93	9.55	.98
CENTRAL ARIZONA	11.66	10.95	.71	10.89	10.03	.86
RIO GRANDE VALLEY	11.49	10.78	.71	10.89	10.26	.63
LAKE MEAD	10.75	10.03	.72	10.49	9.66	.83
AVERAGE 2/	11.38	10.67	.71	10.75	9.95	.80
PACIFIC						
PUGET SOUND	11.00	10.28	.72	10.10	9.30	.80
INLAND EMPIRE	11.08	10.38	.70	10.26	9.45	.81
OREGON - WASHINGTON	11.10	10.38	.72	10.37	9.60	.77
AVERAGE 2/	11.06	10.34	.72	10.22	9.44	.78
45-MARKET AVERAGE 2/4/	11.26	10.54	.72	10.38	9.62	.76
ALL MARKET AVERAGE	11.24	10.53	.71	10.37	9.61	.76

* All averages are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

3/ For the period January-April 1977, the prices represent weighted averages for the four merged markets.

4/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4—NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, OCTOBER

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERfat PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	OCT 1978	CHANGE FROM OCT 1977	OCT 1978	OCT 1977	CHANGE FROM OCT 1977	OCT 1978	OCT 1977	OCT 1978	OCT 1977
	NUMBER	1,000 LBS.		PERCENT	PERCENT		PCUNDS		
NEW ENGLAND									
NEW ENGLAND	7,654	315-	402,263	408,161	1.4-	3.74	3.77	1,695	1,652
AVERAGE OR TOTAL 1/	7,654	315-	402,263	408,161	1.4-	3.74	3.77	—	—
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	17,847	756-	784,114	766,976	2.2	3.68	3.68	1,417	1,330
MIDDLE ATLANTIC	7,459	482-	439,959	468,238	6.4-	3.68	3.74	1,903	1,902
AVERAGE OR TOTAL 1/	25,306	1,238-	1,224,073	1,235,214	.9-	3.68	3.70	—	—
SOUTH ATLANTIC									
TAMPA BAY	121	5	42,385	40,809	3.9	3.44	3.56	10,429	10,305
SOUTHEASTERN FLORIDA	114	2-	64,433	65,525	1.7-	3.56	3.63	18,222	18,217
UPPER FLORIDA	179	2-	56,050	52,280	5.2	3.51	3.58	10,825	9,783
GEORGIA	1,431	93	136,322	127,529	6.9	3.65	3.73	3,073	3,075
AVERAGE OR TOTAL 1/	1,845	94	299,190	287,143	4.2	3.57	3.66	—	—
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	6,513	255-	356,706	354,879	.5	3.72	3.74	1,767	1,691
EASTERN OHIO-WESTERN PA.	6,809	438-	271,395	275,360	1.4-	3.71	3.71	1,286	1,226
OHIO VALLEY	5,943	777-	249,360	281,109	11.3-	3.72	3.76	1,354	1,349
AVERAGE OR TOTAL 1/	19,265	1,470-	877,461	911,348	3.7-	3.72	3.74	—	—
WESTERN GROUP									
MICHIGAN UPRER PENINSULA	197	6	7,352	6,350	15.6	3.73	3.75	1,204	1,072
CHICAGO REGIONAL	16,948	275	791,295	776,733	1.5	3.83	3.83	1,506	1,503
LSVILLE-LKGTCN-EVNSVILLE	2,179	121-	92,669	95,211	2.7-	3.66	3.72	1,372	1,335
INDIANA	3,224	97	148,300	133,372	11.4	3.81	3.86	1,484	1,394
SOUTHERN ILLINIS	1,718	159-	77,118	84,044	8.2-	3.79	3.80	1,448	1,444
CENTRAL ILLINIS	570	92	24,221	21,020	15.2	3.77	3.84	1,371	1,419
AVERAGE OR TOTAL 1/	24,836	190	1,140,935	1,116,430	2.2	3.81	3.82	—	—
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST	13,361	39	552,287	536,988	2.6	3.78	3.78	1,333	1,300
EASTERN SOUTH DAKOTA	464	18-	21,865	22,660	3.5-	3.68	3.72	1,512	1,550
BLACK HILLS	95	3-	6,324	5,389	17.0	3.77	3.84	2,261	2,196
IOWA	3,229	96	141,214	134,069	5.3	3.80	3.83	1,427	1,393
NEBRASKA - WESTERN IOWA	1,581	33	87,430	83,474	4.7	3.74	3.75	1,814	1,773
AVERAGE OR TOTAL 1/	15,501	51	667,886	646,511	3.0	3.77	3.77	—	—

CONTINUED

TABLE 4.—NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REELATED UNDER FEDERAL ORDERS; TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER; OCTOBER—CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	CCT 1978	CHANGE FROM OCT 1977	CCT 1978	CCT 1977	CHANGE FROM OCT 1977	CCT 1978	CCT 1977	CCT 1978	OCT 1977
	NUMBER		1,000 LBS.	PERCENT		PERCENT		POUNDS	
WEST NORTH CENTRAL —CON.									
SOUTHERN GROUP									
ST. LOUIS - OZARKS	3,230	164	160,815	147,043	9.4	3.71	3.71	1,606	1,547
GREATER KANSAS CITY	1,317	204-	67,290	72,564	7.3-	3.69	3.74	1,686	1,610
NECOSH VALLEY	29	17-	899	703	27.9	3.82	3.76	1,325	1,761
WICHITA	438	48-	22,367	22,556	.8-	3.67	3.71	2,138	2,045
AVERAGE OR TOTAL 1/	4,984	105-	251,371	242,866	3.5	3.72	3.72	—	—
EAST SOUTH CENTRAL									
PACUCAH	235	10	9,504	10,682	11.0-	3.78	3.87	1,305	1,532
NASHVILLE	746	61-	38,895	43,607	13.8-	3.65	3.74	1,682	1,743
MEMPHIS	539	59	26,502	24,609	7.7	3.69	3.75	2,172	2,273
TENNESSEE VALLEY	1,593	116-	87,962	95,593	8.0-	3.72	3.80	1,781	1,804
AVERAGE OR TOTAL 1/	3,113	108-	162,863	174,491	6.7-	3.70	3.78	—	—
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS-FORT SMITH 2/	797	76	32,542	32,561	.0	3.61	3.62	2,010	2,019
OKLAHOMA METROPOLITAN	1,231	38	62,346	61,544	1.3	3.62	3.63	2,086	1,988
RED RIVER VALLEY	163	70-	9,279	9,943	6.7-	3.49	3.61	2,174	1,925
TEXAS PANHANDLE	132	58	7,742	7,544	2.6	3.55	3.49	2,484	3,084
LUBBOCK - PLAINVIEW	69	14	5,998	6,385	6.1-	3.60	3.47	5,171	5,640
AVERAGE OR TOTAL 1/	2,452	116	117,907	117,977	.0	3.60	3.61	—	—
SOUTHERN GROUP									
GREATER LOUISIANA	863	35-	50,211	51,309	2.1-	3.72	3.77	1,877	1,843
NEW ORLEANS-MISSISSIPPI	1,688	6-	86,242	86,967	6.5	3.75	3.79	1,648	1,542
TEXAS	3,179	308-	294,920	286,795	2.1	3.59	3.62	2,993	2,672
AVERAGE OR TOTAL 1/	5,730	349-	431,373	421,071	2.4	3.64	3.67	—	—
MOUNTAIN									
EASTERN COLORADO	923	142-	78,563	71,264	10.6	3.60	3.65	2,746	2,152
GREAT BASIN	687	84-	60,357	61,561	2.4-	3.59	3.60	2,834	2,576
WESTERN COLORADO	39	41-	6,189	5,877	5.3	3.67	3.65	3,383	1,896
CENTRAL ARIZONA	155	2-	72,597	70,839	2.5	3.52	3.57	15,889	15,447
RIO GRANDE VALLEY	199	10	42,868	35,566	20.5	3.47	3.45	10,345	8,713
LAKE MEAD	47	11	11,714	11,723	.1-	3.40	3.29	8,040	10,504
AVERAGE OR TOTAL 1/	2,070	248-	272,288	256,630	6.1	3.55	3.57	—	—
PACIFIC									
PUGET SOUND	1,227	30-	146,044	141,820	3.0	3.70	3.78	3,903	3,698
INLAND EMPIRE	304	23-	24,233	23,130	4.8	3.72	3.81	2,571	2,300
OREGON - WASHINGTON	934	25-	121,539	118,563	2.5	3.80	3.85	3,984	3,791
AVERAGE OR TOTAL 1/	2,495	78-	291,816	283,513	2.9	3.74	3.81	—	—
46-MARKET AVG. OR TOTAL 1/	115,251	3,460-	6,139,446	6,103,355	.6	3.71	3.74	1,718	1,658
ALL-MARKET AVG. OR TOTAL	118,480	3,364-	6,280,660	6,237,424	.7	3.71	3.74	1,710	1,651

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes.
Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 5.- PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANLERS REGULATED UNDER FEDERAL ORDERS, OCTOBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	OCT 1978	OCT 1977	CHANGE FROM CCT 1977	OCT 1978	OCT 1977	OCT 1978	CHANGE FROM OCT 1977	CCT 1978	OCT 1977
	1,000 POUNDS	PERCENT		PERCENT	PERCENT	1,000 LBS	PERCENT	PERCENT	PERCENT
NEW ENGLAND									
NEW ENGLAND	256,035	255,335	0.3	64	62	257,384	0.5	156	159
AVERAGE OR TOTAL 1/	256,035	255,335	.3	64	62	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	416,968	394,567	5.7	53	51	417,047	5.7	188	194
MIDDLE ATLANTIC	248,468	278,794	10.9-	56	60	258,818	12.6-	170	158
AVERAGE OR TOTAL 1/	665,436	673,361	1.2-	54	54	---	---	---	---
SOUTH ATLANTIC									
TAMPA BAY	39,291	37,787	4.0	93	92	45,271	4.2	94	94
SOUTHEASTERN FLORIDA	60,627	60,402	.4	94	92	68,162	4.5	94	100
UPPER FLORIDA	53,809	50,581	6.4	96	95	60,161	2.7	93	91
GEORGIA	111,276	104,512	6.5	82	82	113,493	4.5	120	117
AVERAGE OR TOTAL 1/	265,003	253,282	4.6	88	88	---	---	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	199,973	197,291	1.4	56	56	200,608	1.5	178	180
EASTERN OHIO-WESTERN PA.	179,614	180,923	.7-	66	66	180,189	.5-	151	152
OHIO VALLEY	164,759	181,629	9.3-	66	65	175,925	9.7-	142	144
AVERAGE OR TOTAL 1/	544,346	559,843	2.8-	62	61	---	---	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	4,435	4,223	5.0	60	66	5,260	13.0	140	136
CHICAGO REGIONAL	259,943	270,002	3.7-	33	35	260,219	3.7-	204	287
LSVILLE-LXGTCTN-EVNSVILLE	60,507	64,322	5.9-	65	68	61,344	5.2-	151	147
INDIANA	107,749	94,349	14.2	73	71	114,699	11.2	125	129
SOUTHERN ILLINOIS	49,119	51,640	4.9-	64	61	53,325	.5-	145	157
CENTRAL ILLINOIS	15,326	14,671	4.5	63	70	16,460	.1	147	128
AVERAGE OR TOTAL 1/	497,079	499,207	.4-	44	45	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST	139,880	133,665	4.6	25	25	140,053	4.6	394	401
EASTERN SOUTH DAKOTA	12,154	12,640	3.8-	56	56	12,246	3.8-	178	178
BLACK HILLS	4,406	3,522	25.1	70	65	4,789	32.9	132	150
ICIA	67,019	67,261	.4-	47	50	67,389	.8-	210	197
NEBRASKA - WESTERN IOWA	43,876	47,249	7.1-	50	57	47,544	.7-	184	174
AVERAGE OR TOTAL 1/	200,316	197,076	1.6	30	30	---	---	---	---

CONTINUED

TABLE 5--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, OCTOBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	OCT 1978	OCT 1977	CHANGE FROM CCT 1977	OCT 1978	OCT 1977	OCT 1978	CHANGE FROM OCT 1977	CCT 1978	OCT 1977
	1,000 POUNDS	PERCENT		PERCENT	PERCENT	1,000 LBS	PERCENT	PERCENT	PERCENT
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	112,524	98,671	14.0	70	67	116,031	12.4	138	142
GREATER KANSAS CITY	41,163	47,500	12.3-	61	65	41,985	14.3-	150	148
NECOSH VALLEY	677	654	3.5	75	93	691	7.4-	130	94
WICHITA	17,524	17,544	.1-	78	78	17,646	12.0-	127	112
AVERAGE OR TOTAL 1/	171,888	164,369	4.6	68	68	---	---	---	---
EAST SOUTH CENTRAL									
PADCAH	7,767	8,330	6.8-	82	78	7,849	5.8-	121	128
NASHVILLE	26,382	28,926	6.8-	68	66	26,392	9.4-	147	150
MEMPHIS	22,434	20,598	8.9	85	84	24,915	8.1-	106	91
TENNESSEE VALLEY	73,143	75,640	2.3-	83	79	74,144	3.7-	119	124
AVERAGE OR TCTAL 1/	129,726	133,494	2.8-	80	76	---	---	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS-FORT SMITH 2/	28,824	29,989	3.9-	88	92	30,946	19.1-	105	85
OKLAHOMA METROPOLITAN	45,530	48,935	7.0-	73	80	48,612	3.5-	128	122
RED RIVER VALLEY	6,570	7,899	16.8-	71	79	6,570	16.8-	141	126
TEXAS PANHANDLE	6,666	6,730	1.0-	86	89	6,666	1.0-	116	112
LUBBOCK - PLAINVIEW	5,588	5,906	5.4-	93	92	5,590	5.4-	107	108
AVERAGE OR TCTAL 1/	93,178	99,459	6.3-	79	84	---	---	---	---
SOUTHERN GROUP									
GREATER LOUISIANA	44,848	44,906	.1-	89	88	46,131	6.9-	105	104
NEW ORLEANS-MISSISSIPPI	69,317	64,841	6.9	89	80	70,538	.7-	122	114
TEXAS	231,633	233,190	1.1-	78	81	231,204	1.6-	128	123
AVERAGE OR TCTAL 1/	344,798	342,937	.5	80	81	---	---	---	---
MOUNTAIN									
EASTERN COLORADO	56,601	51,978	8.9	72	73	59,266	5.8	132	127
GREAT BASIN	39,968	37,785	5.8	66	61	41,210	5.9	146	158
WESTERN COLORADO	5,668	5,292	7.1	92	90	5,856	7.9	106	108
CENTRAL ARIZONA	50,033	48,051	4.1	69	68	50,033	4.1	145	147
RIO GRANDE VALLEY	30,459	28,828	5.6	71	81	30,478	5.7	141	123
LAKE MEAD	8,711	8,042	8.3	74	69	8,889	10.2	132	145
AVERAGE OR TCTAL 1/	191,440	179,976	6.4	70	70	---	---	---	---
PACIFIC									
PUGET SOUND	64,550	60,934	5.9	44	43	68,014	6.9	215	223
INLAND EMPIRE	13,910	12,166	14.3	57	52	13,919	12.2	174	186
OREGON - WASHINGTON	73,285	72,008	1.8	60	61	76,606	.1-	159	154
AVERAGE OR TCTAL 1/	151,745	145,108	4.6	52	51	---	---	---	---
46-MARKET AVG. OR TOTAL 1/	3,510,990	3,503,447	.2	57	57	---	---	---	---
ALL-MARKET AVG. OR TOTAL	3,578,009	3,570,708	.2	57	57	---	---	---	---

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, October and year to date with comparisons 1/

Marketing area	Producer deliveries		% Used		Producer Deliveries:		% Used									
	used in Class II		in Cl. II		used in Class II		in Cl. II									
	Oct.	Oct.	Oct.	Oct.	Cum.*	Cum.*	Cum.*	Cum.*								
	1978	1977	1978	1977	1978	1977	1978	1977								
		<u>1,000 lb.</u>		<u>Percent</u>		<u>1,000 lb.</u>		<u>Percent</u>								
SOUTH ATLANTIC	:															
Georgia	:	8,923	:	9,650	:	6.5	:	7.6	::	108,058	:	87,959	:	8.3	:	6.9
EAST NORTH CENTRAL	:															
Eastern Group	:															
Southern Michigan	:	25,511	:	21,297	:	7.2	:	6.0	::	256,467	:	232,886	:	7.3	:	6.7
Eastern Ohio-W. Pa.	:	18,239	:	17,411	:	6.7	:	6.3	::	192,650	:	182,383	:	6.6	:	6.2
Ohio Valley	:	21,832	:	20,916	:	8.8	:	7.4	::	219,542	:	220,417	:	8.9	:	8.4
Western Group	:															
Chicago Regional	:	89,310	:	91,951	:	11.3	:	11.8	::	963,060	:	973,931	:	11.2	:	11.4
Louisville-Lex.-Evans.	:	6,266	:	6,420	:	6.8	:	6.7	::	77,006	:	65,985	:	7.9	:	6.5
Indiana	:	18,512	:	14,944	:	12.5	:	11.2	::	239,218	:	234,036	:	14.5	:	13.3
Southern Illinois	:	9,512	:	9,656	:	12.3	:	11.5	::	103,422	:	105,237	:	12.0	:	11.3
Central Illinois	:	1,420	:	890	:	5.9	:	4.2	::	15,203		12,036	:	6.6	:	5.5
WEST NORTH CENTRAL	:															
Northern Group	:															
Upper Midwest	:	23,937	:	19,338	:	4.3	:	3.6	::	243,003	:	224,210	:	3.9	:	3.8
Eastern South Dakota	:	2,841	:	2,748	:	13.0	:	12.1	::	30,769	:	31,463	:	13.1	:	12.6
Iowa 2/	:	9,430	:	9,550	:	6.7	:	7.1	::	105,408	:	107,642	:	6.8	:	7.6
Nebraska-Western Iowa	:	9,218	:	9,932	:	10.5	:	11.9	::	105,024	:	106,174	:	11.9	:	11.4
Southern Group	:															
St. Louis-Ozarks	:	25,086	:	18,534	:	15.6	:	12.6	::	230,588	:	208,783	:	15.0	:	13.8
Greater Kansas City	:	10,767	:	10,074	:	16.0	:	13.9	::	123,587	:	129,173	:	17.1	:	15.5
Neosho Valley	:	20	:	17	:	2.2	:	2.4	::	182	:	142	:	2.5	:	2.7
Wichita	:	3,735	:	2,796	:	16.7	:	12.4	::	33,408	:	27,256	:	12.7	:	9.4
EAST SOUTH CENTRAL	:															
Paducah	:	1,076	:	1,420	:	11.3	:	13.3	::	11,773	:	11,958	:	12.5	:	11.9
Nashville	:	1,818	:	2,161	:	4.7	:	5.0	::	23,312	:	24,500	:	5.6	:	4.9
Memphis	:	3,224	:	2,753	:	12.2	:	11.2	::	30,091	:	24,500	:	11.9	:	10.6
Tennessee Valley	:	6,621	:	8,341	:	7.5	:	8.7	::	95,735	:	96,798	:	10.3	:	9.9

Continued

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, October and year to date with comparisons 1/ - Con.

Marketing area	Producer deliveries		% Used		Producer Deliveries		% Used							
	used in Class II		in Cl. II		used in Class II		in Cl. II							
	Oct.	Oct.	Oct.	Oct.	Cum.*	Cum.*	Cum.*	Cum.*						
	1978	1977	1978	1977	1978	1977	1978	1977						
	<u>1,000 lb.</u>		<u>Percent</u>		<u>1,000 lb.</u>		<u>Percent</u>							
WEST SOUTH CENTRAL	:		:		:		:							
Northern Group	:		:		:		:							
Central Arkansas-	:		:		:		:							
Fort Smith	2,037	:	1,993	:	6.3	6.1	:	20,147	:	21,078	:	6.5	:	6.6
Oklahoma Metropolitan	10,434	:	8,777	:	16.7	14.3	:	98,548	:	94,684	:	14.3	:	13.4
Red River Valley	2,478	:	1,270	:	26.7	12.8	:	22,251	:	15,472	:	23.6	:	13.9
Texas Panhandle	790	:	688	:	10.2	9.1	:	8,182	:	6,859	:	10.6	:	7.7
Lubbock-Plainview	147	:	273	:	2.5	4.3	:	3,013	:	2,544	:	5.1	:	4.0
Southern Group	:		:		:		:		:		:		:	
Greater Louisiana	2,245	:	2,536	:	4.5	4.9	:	28,462	:	33,184	:	5.2	:	6.4
New Orleans-Mississippi	8,496	:	8,503	:	9.9	10.5	:	92,280	:	95,163	:	9.6	:	10.2
Texas	33,639	:	32,432	:	11.4	11.2	:	337,572	:	348,959	:	11.9	:	12.1
MOUNTAIN	:		:		:		:		:		:		:	
Eastern Colorado	8,380	:	7,118	:	10.7	10.0	:	84,376	:	75,305	:	11.5	:	11.1
Great Basin	3,270	:	3,626	:	5.4	5.9	:	36,387	:	41,061	:	5.8	:	6.3
Central Arizona	10,454	:	9,919	:	14.4	14.0	:	101,854	:	97,891	:	14.2	:	13.5
Rio Grande Valley	6,366	:	5,049	:	14.9	14.2	:	92,925	:	49,113	:	23.1	:	14.0
Lake Mead	666	:	598	:	5.7	5.1	:	7,060	:	6,432	:	6.1	:	5.7
PACIFIC	:		:		:		:		:		:		:	
Puget Sound	17,778	:	16,010	:	12.2	11.3	:	184,374	:	180,588	:	12.5	:	12.8
Inland Empire	1,836	:	2,233	:	7.6	9.7	:	24,608	:	24,791	:	9.3	:	10.5
Oregon-Washington	16,672	:	12,752	:	13.7	10.8	:	165,949	:	147,888	:	13.6	:	12.5
	:		:		:		:		:		:		:	

* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The data for January- April 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 7.—PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY—OCTOBER

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977	1978	1977
			1,000 POUNDS			1,000 POUNDS		
NEW ENGLAND								
NEW ENGLAND	4,251,538	4,188,875	1.5	2,420,385	2,428,721	0.3-	57	58
TOTAL 1/	4,251,538	4,188,875	1.5	2,420,385	2,428,721	0.3-	57	58
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	8,322,702	8,112,221	2.6	3,897,240	3,760,096	3.6	47	46
MIDDLE ATLANTIC	4,548,112	4,725,667	3.8-	2,498,785	2,706,221	7.7-	55	57
TOTAL 1/	12,870,814	12,837,888	.2	6,396,025	6,466,317	1.1-	50	50
SOUTH ATLANTIC								
TAMPA BAY	443,745	450,785	1.6-	403,081	392,427	2.7	91	87
SOUTHEASTERN FLORIDA	649,904	627,821	3.5	602,499	568,317	6.0	93	90
UPPER FLORIDA	565,235	558,535	1.2	530,262	515,621	2.8	94	92
GEORGIA	1,303,076	1,268,759	2.7	1,014,981	986,813	2.8	78	78
TOTAL 1/	2,961,960	2,905,900	1.9	2,550,823	2,463,178	3.6	86	85
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	3,527,979	3,498,803	.8	1,896,099	1,855,222	2.2	54	53
EASTERN OHIO-WESTERN PA.	2,909,998	2,954,977	1.5-	1,705,257	1,735,645	1.8-	58	59
OHIO VALLEY	2,476,621	2,622,588	5.6-	1,513,492	1,583,843	4.4-	61	63
TOTAL 1/	8,914,598	9,076,368	1.3-	5,114,848	5,174,710	1.2-	57	57
WESTERN GROUP								
MICHIGAN UPRER PENINSULA	74,136	70,586	5.0	41,877	40,439	3.6	56	57
CHICAGO REGIONAL	8,636,507	8,532,440	1.2	2,503,802	2,520,175	.6-	29	30
LSVILLE-LXGTIN-EVNSVILLE	969,748	1,014,200	4.4-	586,324	612,364	4.2-	62	60
INDIANA	1,647,793	1,752,020	6.5-	1,118,049	1,145,680	2.4-	68	65
SOUTHERN ILLINOIS	858,655	928,029	7.5-	477,046	482,960	1.2-	56	52
CENTRAL ILLINOIS	230,548	217,369	6.1	136,258	132,742	2.6	55	61
TOTAL 1/	12,417,387	12,524,644	.8-	4,863,356	4,934,360	1.4-	39	39
WEST NORTH CENTRAL								
NORTHERN GROUP								
UPPER MIDWEST	6,158,016	5,871,235	4.9	1,292,167	1,279,418	1.0	21	22
EASTERN SOUTH DAKOTA	235,196	248,987	5.5-	114,954	111,214	3.3	49	45
BLACK HILLS	64,401	62,377	3.2	38,417	30,813	24.7	60	49
ICIA 2/	1,559,671	1,418,201	10.0	638,763	613,829	4.1	41	43
NEBRASKA - WESTERN IOWA	882,872	928,965	5.3-	442,106	452,859	2.4-	50	49
TOTAL 1/	7,340,485	7,111,564	3.2	1,887,644	1,874,404	.7	26	26

CONTINUED

TABLE 7.- PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - OCTOBER -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1978	1977	CHANGE	1978	1977	CHANGE	1978	1977
			1978 OVER 1977			1978 OVER 1977		
	1,000 POUNDS	PERCENT		1,000 POUNDS	PERCENT		PERCENT	PERCENT
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - OZARKS	1,532,215	1,514,325	1.2	1,045,941	1,032,343	4.3	68	66
GREATER KANSAS CITY	722,334	833,599	13.3-	401,474	423,443	5.1-	56	51
NECOSH VALLEY	7,167	5,333	34.4	6,162	4,852	27.0	86	91
WICHITA	262,658	291,269	9.8-	169,870	170,273	.2-	65	58
TOTAL 1/	2,524,374	2,644,526	4.5-	1,623,447	1,600,511	1.4	64	60
EAST SOUTH CENTRAL								
PADUCAH	94,191	100,194	6.0-	74,181	78,505	5.5-	75	78
NASHVILLE	419,904	500,219	16.0-	247,945	273,166	9.2-	55	55
MEMPHIS	252,732	260,983	3.2-	210,392	219,420	4.1-	83	84
TENNESSEE VALLEY	929,848	973,253	4.4-	705,090	718,029	1.8-	76	74
TOTAL 1/	1,696,675	1,834,649	7.5-	1,237,608	1,289,120	4.0-	73	70
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS-FORT SMITH 3/	308,250	317,942	3.0-	270,367	265,848	1.7	82	84
OKLAHOMA METROPOLITAN	685,265	706,618	2.4-	454,069	450,327	.8	66	64
RED RIVER VALLEY	94,394	111,695	15.5-	65,126	77,567	16.0-	69	69
TEXAS PANHANDLE	77,224	88,632	12.9-	64,647	63,084	2.5	84	71
LUBBOCK - PLAINVIEW	58,813	63,150	6.9-	52,882	53,721	1.6-	90	85
TOTAL 1/	1,227,946	1,288,037	4.7-	907,091	910,547	.4-	74	71
SOUTHERN GROUP								
GREATER LOUISIANA	542,741	522,384	3.9	446,508	440,015	1.5	82	84
NEW ORLEANS-MISSISSIPPI	962,836	931,097	3.4	664,870	660,961	.6	69	71
TEXAS	2,842,055	2,885,676	1.5-	2,192,905	2,150,087	2.0	77	74
TOTAL 1/	4,347,632	4,339,157	.2	3,334,283	3,251,063	1.6	76	75
MOUNTAIN								
EASTERN COLORADO	731,963	680,939	7.5	522,348	498,838	4.7	71	73
GREAT BASIN	626,896	648,863	3.4-	363,821	348,283	4.5	58	54
WESTERN COLORADO	59,539	61,696	3.5-	51,341	45,131	13.8	86	73
CENTRAL ARIZONA	715,340	722,798	1.0-	469,398	441,770	6.2	66	61
RIO GRANDE VALLEY	401,928	351,010	14.5	284,918	273,290	4.2	71	78
LAKE MEAD	115,677	113,316	2.1	84,331	77,014	9.5	73	68
TOTAL 1/	2,651,343	2,578,622	2.8	1,776,157	1,684,326	5.4	67	65
PACIFIC								
PUGET SOUND	1,475,792	1,407,658	4.8	602,116	566,387	6.3	41	40
INLAND EMPIRE	264,561	235,109	12.5	134,408	113,754	18.2	51	48
OREGON - WASHINGTON	1,223,879	1,186,537	3.1	685,163	654,318	4.7	56	55
TOTAL 1/	2,964,232	2,829,304	4.8	1,421,687	1,334,459	6.5	46	47
46-MARKET TOTAL 1/	64,168,984	64,159,534	0	33,503,354	33,411,716	.3	52	52
ALL-MARKET TOTAL	65,728,655	65,577,735	.2	34,142,117	34,025,545	.3	52	52

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ Data for January-April 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 8. WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE. SEPTEMBER 1978 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	SEPTEMBER 1978		CHANGE 1978 FROM 1977		SEPTEMBER 1978		CHANGE 1978 FROM 1977		SEPTEMBER 1978		CHANGE 1978 FROM 1977	
	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE
MIL. LBS.	PERCENT	MIL. LBS.	PERCENT	MIL. LBS.	PERCENT	MIL. LBS.	PERCENT	MIL. LBS.	MIL. LBS.	MIL. LBS.	MIL. LBS.	PERCENT
NEW ENGLAND	192.0	3.36	-	2.2	-	2.9	54.9	.99	3.3	8.8	246.9	2.83
NEW ENGLAND	192.0	3.36	-	2.2	-	2.9	54.9	.99	3.3	8.8	246.9	2.83
MIDDLE ATLANTIC	170.5	3.30	-	5.4	-	3.9	74.6	1.28	5.9	5.1	245.1	2.69
MIDDLE ATLANTIC	170.5	3.30	-	5.4	-	3.9	74.6	1.28	5.9	5.1	245.1	2.65
SOUTH ATLANTIC	165.1	3.29	-	.9	-	.4	80.8	1.21	2.2	4.9	245.9	2.61
TAMPA BAY	30.9	3.28	-	1.3	-	1.2	13.7	1.11	8.1	9.0	44.5	2.61
SOUTHEASTERN FLORIDA	40.4	3.32	-	1.6	1.2	2.7	17.7	1.29	1.9	7.9	58.1	2.70
UPPER FLORIDA	38.4	3.25	-	5.5	2.7	1.7	15.7	1.19	7.0	10.4	54.1	2.65
GEORGIA	55.4	3.31	-	3.3	-	.9	33.7	1.22	-	1.8	89.1	2.52
EAST NORTH CENTRAL	602.3	3.27	-	5.0	-	4.0	428.5	1.58	4.2	3.8	1,030.7	2.57
EASTERN GROUP	122.7	3.25	-	4.4	-	2.8	67.5	1.05	6.2	2.5	190.1	2.47
SOUTHERN MICHIGAN	123.5	3.27	-	5.1	-	5.4	54.3	1.71	1.9	4.9	177.8	2.79
E. OHIO - W. PA.	104.7	3.25	-	4.8	-	3.6	69.9	1.65	2.6	2.7	174.6	2.61
WESTERN GROUP	133.6	3.30	-	5.8	-	4.5	117.5	1.63	7.6	5.6	251.1	2.52
MICH. UPPER PENINSULA	4.5	3.35	-	2.9	-	3.7	4.1	1.72	10.1	13.4	8.7	2.58
CHICAGO REGIONAL	30.4	3.29	-	7.6	-	4.4	27.6	1.76	2.7	4.4	58.0	2.56
LOUIS. - LEX. - EVANS	49.9	3.29	-	5.7	-	4.5	54.7	1.72	2.9	2.5	104.6	2.47
SOUTHERN ILLINOIS	23.3	3.26	-	2.6	-	6	22.4	1.72	-	2.8	45.7	2.50
CENTRAL ILLINOIS	5.8	3.27	-	8.7	-	7.5	10.4	1.68	3.3	2.8	20.1	2.45
WEST NORTH CENTRAL	149.4	3.30	-	7.2	-	5.2	213.8	1.56	2.0	3.1	363.1	2.28
NORTHERN GROUP	33.4	3.28	-	8.9	-	7.3	87.1	1.51	1.2	2.6	120.5	2.00
UPPER MIDWEST	3.3	3.27	-	11.6	-	3.1	6.1	1.74	2.3	6.0	9.4	2.28
EASTERN SOUTH DAKOTA	1.3	3.35	4.3	2.0	-	1.7	1.88	4.0	3.0	5.9	4.1	2.52
BLACK HILLS	22.2	3.39	-	5.4	-	4.7	38.5	1.67	1.9	5.7	60.7	2.30
IOWA	21.0	3.33	-	6.8	-	4.2	22.2	1.61	2.1	3.7	43.1	2.44

CONTINUED

TABLE 8. WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1978 WITH COMPARISONS 1/ -CON.

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	SEPTEMBER 1978		CHANGE FROM 1977		SEPTEMBER 1978		CHANGE FROM 1977		SEPTEMBER 1978		CHANGE FROM 1977	
	SALES	BUTTER-FAT CONTENT	SEP-YEAR	TC-OATE	SALES	BUTTER-FAT CONTENT	SEP-YEAR	TC-OATE	SALES	BUTTER-FAT CONTENT	SEP-YEAR	PERCENT
	MIL. LBS.	PERCENT	MIL. LBS.	PERCENT	MIL. LBS.	PERCENT	MIL. LBS.	PERCENT	MIL. LBS.	PERCENT	MIL. LBS.	PERCENT
WEST NORTH CENTRAL-CCN												
SOUTHERN GROUP												
ST. LOUIS - OZARKS	30.3	3.27	- 11.0	- 7.8	27.0	1.52	- 5.8	- .1	57.3	2.44	- 3.8	- 4.3
GREATER KANSAS CITY	23.6	3.29	- 3.6	- 2.5	21.9	1.55	- 2.8	- .8	45.5	2.45	- 2.3	- .1
NEOSHO VALLEY	4.6	3.30	- 5.6	- 5.5	2.4	1.44	15.3	- .7	7.0	2.67	.8	.1
WICHITA	9.6	3.27	- 7.5	- 2.9	7.0	1.57	1.7	6.2	16.6	2.56	- 3.8	- .6
EAST SOUTH CENTRAL	75.3	3.33	- 3.6	- 2.6	50.3	1.54	4.9	3.8	125.6	2.61	- .3	- .2
PAOUCAH	5.1	3.25	- 5.2	- 2.5	2.8	1.47	7.3	1.2	7.8	2.62	- 1.2	- 1.4
NASHVILLE	21.5	3.31	- 3.9	- 3.8	11.1	1.54	- 2.6	- .4	32.6	2.71	- 3.3	- 2.3
MEMPHIS	13.1	3.39	- 3.8	- 3.8	6.2	1.26	- .8	- 4.5	19.3	2.70	- 2.8	- 4.0
TENNESSEE VALLEY	35.6	3.34	- 3.0	- 1.5	30.2	1.60	8.8	7.4	65.8	2.54	2.1	2.2
WEST SOUTH CENTRAL	319.6	3.40	- .3	.9	98.0	1.33	.2	4.2	417.5	2.91	- .2	1.7
NORTHERN GROUP												
CENTRAL OKLAHOMA	14.2	3.36	- 1.0	6.4	6.4	1.53	7.1	7.7	20.6	2.79	2.9	6.8
FORT SMITH	1.4	3.34	- 1.4	6.6	8	1.39	45.5	12.3	2.2	2.60	1.4	4.5
OKLAHOMA METROPOLITAN	27.6	3.31	- 1.3	1.5	10.2	1.43	3.6	3.2	37.7	2.80	1.5	.3
RED RIVER VALLEY	9.3	3.36	- 11.9	- 3.3	1.7	1.24	5.2	14.2	11.0	3.03	- 12.3	- 2.0
TEXAS PANHANDLE	5.8	3.39	- 1.6	2	1.4	1.53	.8	6.6	7.2	3.04	- 1.2	1.3
LUBBOCK - PLAINVIEW	4.8	3.37	- 1.5	- 6.0	1.5	1.46	- 7.1	21.9	6.3	2.90	- .7	.5
SOUTHERN GROUP	39.6	3.55	- 2.2	*.1	11.0	1.61	2.4	9.1	50.7	3.13	- 1.2	1.9
GREATER LOUISIANA	5.9	3.54	- 3.4	- 2.5	13.6	1.38	- .2	8.6	66.5	3.10	- 2.6	.5
NEW ORLEANS - MISS. TEXAS	164.1	3.33	- 1.8	2.8	51.3	1.21	- 1.4	1.4	215.4	2.83	1.0	2.4
MOUNTAIN	106.7	3.34	1.0	2.9	81.1	1.71	4.8	8.5	187.8	2.64	2.6	5.2
EASTERN COLORADO	26.8	3.22	- 2.6	3.1	24.8	1.80	- .2	5.1	51.6	2.54	1.2	4.1
GREAT BASIN	14.9	3.26	- 2.9	2.1	23.3	1.85	5.0	6.1	38.1	2.40	4.2	4.5
WESTERN COLORADO	2.5	3.29	- 6.2	15.5	1.9	1.82	22.3	27.1	4.4	2.65	12.6	20.2
CENTRAL ARIZONA	28.9	3.49	- 2.2	2.7	19.6	1.48	6.6	11.0	48.5	2.68	1.2	5.8
RIO GRANDE VALLEY	25.6	3.37	- 1.6	- .6	7.3	1.49	6.8	14.9	32.9	2.95	*.1	2.5
LAKE MEAD	8.0	3.34	12.5	13.2	4.3	1.90	17.3	15.0	12.2	2.84	14.1	13.8
PACIFIC	57.8	3.35	- 2.6	1.1	83.9	1.82	3.4	7.2	141.6	2.44	.5	4.6
PUGET SOUND	22.2	3.33	- 2.8	1.1	33.4	1.84	3.2	7.7	55.7	2.44	.7	4.9
INLAND EMPIRE	4.5	3.31	- 2.0	3.4	9.1	1.80	1.2	7.4	13.6	2.30	1.5	6.0
OREGON - WASHINGTON	31.0	3.37	- 3.0	.8	41.3	1.81	4.1	6.7	72.3	2.48	.9	4.1
COMBINED AREAS 4/	1,838.6	3.32	- 3.3	- 2.2	1,165.6	1.51	3.4	4.7	3,004.2	2.62	.8	.3
CALENDAR COMPOSITION 4/	1,814.1	---	- 3.3	- 2.2	1,138.7	---	3.1	4.7	2,956.3	---	.9	.3
NEW YORK - NEW JERSEY 5/	---	---	---	---	---	---	---	404.9	---	2.3	-	.5

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS - 221, July 1978.

5/ Small amount of sales estimated.

TABLE 9.—PACKAGEO SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN '46 SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY			FEBRUARY			MARCH		
	SALES	8F. CON- TENT	CHANGE FROM MONTH	SALES	8F. CON- TENT	CHANGE FROM YEAR	SALES	8F. CON- TENT	CHANGE FROM YEAR
			YEAR			MONTH			PERCENT
	MILL.8.	PERCENT		MILL.8.	PERCENT		MILL.8.	PERCENT	
FLUID WHOLE MILK PRODUCTS*	1,923	3.34 -	1.0 -	1,0	1,730	3.34 -	1.0 -	1,900	3.33 -
WHOLE MILK FLAVORED WHOLE MILK PRODUCTS	1,844	3.34 -	*.9 -	*.9	1,653	3.33 -	*.9 -	1,817	3.32 -
	79	3.37 -	3.2 -	3.2	77	3.37 -	7.1 -	84	3.35 -
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,149	1.51	6.0	6.0	1,059	1.50	6.0	1,176	1.49
2% LOWFAT MILK PRODUCTS 2/	600	1.83	9.9	9.9	545	1.82	9.1	612	1.81
2% LOWFAT MILK — PLAIN	1,53	2.4	2.4	2.4	253	1.54	6.1	272	1.54 -
2% LOWFAT MILK — MILK SOLIDS ADDED	277								1.4 2.2
SKIM MILK PRODUCTS									
SKIM MILK — PLAIN	66	.25	5.1	5.1	62	.25	2.6	3.9	.24
SKIM MILK — MILK SOLIDS ADDED	65	.28	—	8.6	62	.29	7.2	7.9	.29
FLAVORED LOWFAT AND SKIM MILK PRODUCTS									
BUTTERMILK	86	1.40	9.4	9.4	87	1.39	5.3	7.3	1.37
	56	1.07	.5	.5	51	1.06	.7	.1	.57
TOTAL	3,073	2.65	1.5	1.5	2,789	2.64	1.5	1.5	3,076
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,139	—	2.0	2.0	2,789	—	1.5	1.7	3,034
PRODUCT NAME		APRIL			MAY			JUNE	
FLUID WHOLE MILK PRODUCTS*	1,758	3.32 -	5.1 -	2.5	1,825	3.32	*.5 -	1.9	1,679
WHOLE MILK FLAVORED WHOLE MILK PRODUCTS	1,674	3.32 -	5.2 -	2.2	1,739	3.32	*.8 -	1.6	1,629
	84	3.35 -	2.7 -	7.4	86	3.36 -	5.9 -	7.1	50
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,104	1.49	3.1	4.9	1,141	1.49	9.2	5.8	1,024
2% LOWFAT MILK PRODUCTS 2/	568	1.81	8.6	9.7	589	1.81	16.1	11.0	558
2% LOWFAT MILK — PLAIN	255	1.54 -	5.7	2	261	1.54	1.0	.3	236
2% LOWFAT MILK — MILK SOLIDS ADDED									1.56 -
SKIM MILK PRODUCTS									
SKIM MILK — PLAIN	66	.24	4.7	4.5	69	.24	14.6	6.5	.24
SKIM MILK — MILK SOLIDS ADDED	66	.28	7.5	7.8	66	.28	6.6	7.6	.28
FLAVORED LOWFAT AND SKIM MILK PRODUCTS									
BUTTERMILK	95	1.37	11.3	5.2	100	1.37	8.7	5.9	1.39
	54	1.05 -	5.7 -	1.9	57	1.05 -	.3 -	1.6	56
TOTAL	2,862	2.62 -	2.1	.2	2,967	2.62	3.7	.9	2,703
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,936	—	2.0	1.2	2,940	—	.6	1.1	2,661

CONTINUED

TABLE 9.—PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS DEFINED BY FEDERAL MILK CREDITORS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY				AUGUST				SEPTEMBER									
	SALES		B.F. CON- TENT		CHANGE 1978 FROM 1977		B.F. CON- TENT		CHANGE 1978 FROM 1977		B.F. CON- TENT							
	SALES	B.F. CONTEN-	MONTH	YEAR TO CALE-	SALES	YEAR TO CALE-	MONTH	YEAR TO DATE	SALES	YEAR TO CALE-	MONTH	YEAR TO DATE						
	MIL. LBS.	PERCENT			MIL. LBS.	PERCENT			MIL. LBS.	PERCENT								
FLUID WHOLE MILK PRODUCTS*	1,667	3.32	-	2.3	-	1.9	1,770	3.31	-	2.0	1,835	3.32	-	3.3	-	2.2		
WHOLE MILK	1,624	3.32	-	2.2	-	1.7	1,718	3.31	-	1.8	1,754	3.32	-	3.0	-	2.0		
FLAVORED WHOLE MILK PRODUCTS	44	3.34	-	6.3	-	7.0	52	3.34	-	7.5	7.1	84	3.31	-	9.9	-	7.5	
FLUID LOWFAT AND SKIM MILK PRODUCTS*	993	1.50	2.5	5.1	1,065	1.51	2.8	4.8	1,166	1.51	3.4	4.7						
2% LOWFAT MILK PRODUCTS 2/	536	1.80	8.0	10.9	585	1.80	12.1	11.0	622	1.81	11.2	11.1						
2% LOWFAT MILK - PLAIN	243	1.57	-	1.8	-	1.2	247	1.56	-	9.2	-	2.2	251	1.57	-	7.7	-	2.9
SKIM MILK PRODUCTS																		
SKIM MILK - PLAIN	67	.28	15.0	7.8	69	.24	13.2	8.4	74	.26	16.3	5.4						
SKIM MILK - MILK SOLIDS ADDED	54	.27	-	20.2	-	9.4	58	.29	-	20.9	-	10.9	62	.29	-	17.8	-	11.7
FLAVORED LOWFAT AND SKIM MILK PRODS	38	1.40	-	9.8	3.7	51	1.42	-	6	3.3	103	1.41	-	5	-	2.9		
BUTTERMILK	55	1.04	-	2.8	-	1.6	56	1.17	-	2.9	-	1.7	54	1.05	-	2.3	-	1.8
TOTAL	2,660	2.64	-	.6	.6	2,835	2.63	-	.8	.5	3,004	2.62	-	.8	-	.3		
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,704	—	-	.5	.7	2,814	—	-	.7	.5	2,956	—	-	.9	.3			

* MAY INCLUDE SMALL AMOUNTS OF MISCELLANEOUS WHOLE MILK AND LOWFAT AND SKIM MILK PRODUCTS.

1/ SEE TABLE 8 FOR 46 MARKETS INCLUDED.

2/ INCLUDES 1% LOWFAT MILK PRODUCTS.

3/ FIGURES ARE ADJUSTED TO ELIMINATE VARIATIONS DUE TO CALENDAR COMPOSITION. SEE SPECIAL ARTICLE IN FMCS-221 JULY 1978.

TABLE 10.—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1978, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/			LOWFAT AND SKIM MILK ITEMS 4/			MILK AND CREAM MIXTURES			CREAM ITEMS 5/			TOTAL FLUID ITEMS 6/		
	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977 7/
	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT	MIL.LB. PERCENT
NEW ENGLAND	192	3.35	- 2.3	56	.98	3.2	2.9	1C.8	12.3	4.0	22.4	.4	257	3.22	- 1.2
MIDDLE ATLANTIC	168	3.29	- 15.1	76	1.30	- 5.1	1.7	11.0	- 8.0	1.2	24.1	13.0	248	2.83	- 12.2
SOUTH ATLANTIC	178	3.29	1.4	82	1.23	2.7	1.6	10.7	- 13.6	1.0	21.6	- 6.4	263	2.76	1.5
EAST NORTH CENTRAL	610	3.27	- 4.6	434	1.58	4.8	9.9	10.8	- 1.7	9.3	17.8	- 5.8	1,068	2.77	- 1.0
WEST NORTH CENTRAL	184	3.30	- 3.7	244	1.56	3.1	4.3	10.9	- 7.4	3.5	22.5	- 6.5	438	2.55	- .2
EAST SOUTH CENTRAL	84	3.34	- .2	50	1.49	7.0	0.3	11.8	- 70.0	0.4	20.8	- 47.5	136	2.73	1.4
WEST SOUTH CENTRAL	341	3.39	- .5	101	1.34	*.0	2.1	11.0	- 15.1	2.2	20.9	- 14.5	448	3.04	- .5
MOUNTAIN	103	3.36	-.9	81	1.70	3.0	2.1	10.9	6.0	1.9	22.0	6.4	19C	2.5C	1.9
PACIFIC	60	3.33	- 1.4	86	1.81	3.8	2.0	11.2	1.4	1.5	24.8	5.0	151	2.76	1.9
TOTAL OF REGIONS	1,920	3.32	- 3.6	1,210	1.51	3.1	26.8	10.9	- 5.3	25.0	20.7	- 5.0	3,198	2.82	- 1.3

1/ TOTAL PACKAGED DISPOSITION, IN AND OUT OF THE MARKETING AREA, BY REGULATED HANDLERS.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ PLAIN AND FLAVORED WHOLE MILK.

4/ PLAIN, FORTIFIED, AND FLAVORED SKIM AND LOWFAT MILK, AND BUTTERMILK.

5/ LIGHT, HEAVY, AND SOUR CREAM, AND CREAM CIPS.

6/ INCLUDES YOGURT AND EGNOG.

7/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS.

TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS^{1/}

PRODUCT NAME	JANUARY			FEBRUARY			MARCH			
	SALES		8F. CCN- TENT	CHANGE 1978 FRM 1977 ^{2/}		8F. CCN- TENT	CHANGE 1978 FROM 1977 ^{2/}		SALES	8F. CCN- TENT
	MONTH	YEAR TC DATE	MONTH	YEAR TC DATE	MONTH	YEAR TC DATE	1,000 LB.	1,000 LB.	PERCENT	PERCENT
	1,000 LB.	PERCENT								
MILK AND CREAM MIXTURES	26,153	11.2	-	2.6	-	2.6	24,728	10.9	-	5.5
TOTAL CREAM PRODUCTS	22,641	20.3	-	3.9	-	3.9	23,998	20.7	2.3	-
LIGHT CREAM	4,177	18.4	-	21.1	-	21.0	4,152	19.4	18.9	8.5
HEAVY CREAM	3,928	34.7	-	21.0	-	21.0	4,623	34.8	9.1	-
SOUR CREAM	14,536	16.9	.9	16.9	.9	15,223	16.8	2.3	1.6	1.6
YOGURT	15,473	1.9	---	---	---	---	14,994	1.6	---	---
EGGNOG	471	27.3	---	---	---	---	33	7.4	---	---
<hr/>										
APRIL										
MILK AND CREAM MIXTURES	25,850	10.9	-	7.5	-	4.4	27,780	10.8	-	5
TOTAL CREAM PRODUCTS	24,626	21.1	-	12.9	-	1.7	29,259	21.3	4.1	-
LIGHT CREAM	4,446	18.5	0	23.0	0	6.9	4,929	19.3	3.4	6.1
HEAVY CREAM	5,137	34.8	-	23.7	-	10.5	6,620	34.6	1.6	7.8
SOUR CREAM	15,043	17.2	-	12.0	-	.9	17,710	16.9	5.2	.4
YOGURT	18,669	1.9	---	---	---	---	19,507	1.8	---	---
EGGNOG	11	5.6	---	---	---	---	10	6.1	---	---
<hr/>										
MAY										
MILK AND CREAM MIXTURES	25,850	10.9	-	7.5	-	4.4	27,780	10.8	-	5
TOTAL CREAM PRODUCTS	24,626	21.1	-	12.9	-	1.7	29,259	21.3	4.1	-
LIGHT CREAM	4,446	18.5	0	23.0	0	6.9	4,929	19.3	3.4	6.1
HEAVY CREAM	5,137	34.8	-	23.7	-	10.5	6,620	34.6	1.6	7.8
SOUR CREAM	15,043	17.2	-	12.0	-	.9	17,710	16.9	5.2	.4
YOGURT	18,669	1.9	---	---	---	---	19,507	1.8	---	---
EGGNOG	11	5.6	---	---	---	---	10	6.1	---	---
<hr/>										
JUNE										
MILK AND CREAM MIXTURES	25,850	10.9	-	7.5	-	4.4	27,780	10.8	-	5
TOTAL CREAM PRODUCTS	24,626	21.1	-	12.9	-	1.7	29,259	21.3	4.1	-
LIGHT CREAM	4,446	18.5	0	23.0	0	6.9	4,929	19.3	3.4	6.1
HEAVY CREAM	5,137	34.8	-	23.7	-	10.5	6,620	34.6	1.6	7.8
SOUR CREAM	15,043	17.2	-	12.0	-	.9	17,710	16.9	5.2	.4
YOGURT	18,669	1.9	---	---	---	---	19,507	1.8	---	---
EGGNOG	11	5.6	---	---	---	---	10	6.1	---	---

TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNUG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS. JANUARY 1978 TO DATE, WITH COMPARISONS 1/-CON.

PRODUCT NAME	JULY				AUGUST				SEPTEMBER						
	SALES	8F. CCA- TENT	CHANGE 1978 FRCM 1977 2/ YEAR	MONTH	SALES	BF. CCA- TENT	CHANGE 1978 FROM 1977 2/ YEAR	MONTH	SALES	BF. CCA- TENT	CHANGE 1978 FRCM 1977 2/ YEAR	MONTH			
	1,000 LB. PERCENT				1,000 LB. PERCENT				1,000 LB. PERCENT						
MILK AND CREAM MIXTURES	27,386	10.9	-	3.5	28,063	10.8	-	5.1	-	3.7	26,822	10.5	-		
TOTAL CREAM PRODUCTS	27,089	21.1	-	2.2	-	1.0	27,686	20.7	-	4.4	-	1.5	24,984	20.7	-
LIGHT CREAM	4,608	18.9	-	2.2	-	4.0	4,624	18.5	-	6.4	4,400	18.3	-	2.5	-
HEAVY CREAM	5,850	34.3	-	6.0	-	6.5	5,448	34.7	-	5.6	6.4	4,760	34.8	-	6.4
SOUR CREAM	16,630	17.1	-	2.0	-	3	17,614	17.0	-	3.5	8	15,824	17.1	-	1.3
YOGURT	16,500	1.9	---	---	---	---	17,689	1.8	---	---	15,456	1.5	---	---	---
EGGNUG	3/	8.2	---	---	---	2C	11.0	---	---	41	10.4	---	---	---	

1/ TOTAL PACKAGED DISPOSITION IN AND OUT OF THE MARKETING AREA BY REGULATED HANDLERS. EXCLUDES THE NEW YORK-NEW JERSEY MARKET.

2/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS. DUE TO A CHANGE IN THE REPORTING OF THESE PRODUCTS BETWEEN 1977 and 1978, THESE PERCENTAGE CHANGES MAY BE SOMEWHAT OVERSTATED.

3/ LESS THAN 500 POUNDS.

TABLE 12.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1977

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS I/IV MILK SOLIDS USED TO FORTIFY CLASS I		OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
							MILK, SKIM MILK, AND CREAM POUNDS 1,000 LBS.			
NEW ENGLAND AND MIDDLE ATLANTIC	9,438	98,134	39,944	37,293	71,620	59,045	3,372	28,650	347,455	
SOUTH ATLANTIC	1,432	3,910	10,554	852	0	1,521	3,131	9,171	3C,611	
EAST NORTH CENTRAL	30,815	484,376	81,190	123,958	131,256	116,284	14,193	81,965	1,064,039	
WEST NORTH CENTRAL	25,463	322,521	32,504	42,913	181,725	13,361	2,525	18,426	635,438	
EAST SOUTH CENTRAL	849	8,625	10,319	4,846	2,644	2,936	800	5,443	36,461	
WEST SOUTH CENTRAL	1,875	17,368	25,792	21,265	1,219	12,585	5,458	22,522	108,084	
MOUNTAIN	1,741	26,980	16,612	22,135	4,631	275	2,831	5,406	80,611	
PACIFIC	8,491	49,349	13,397	18,280	49,715	3,407	690	3,666	146,993	
TOTAL OF REGIONS 5/	80,103	1,011,263	230,351	271,544	442,809	209,413	32,999	175,251	2,453,733	
<hr/> ²⁷										
BUTTERFAT POUNDS 1,000 LBS. ²⁸										
NEW ENGLAND AND MIDDLE ATLANTIC	3,264	3,531	6,298	396	54	730	0	1,511	15,784	
SOUTH ATLANTIC	539	173	1,919	9	0	11	0	594	3,246	
EAST NORTH CENTRAL	12,974	19,027	9,060	1,332	215	1,069	1	2,685	46,364	
WEST NORTH CENTRAL	10,515	12,113	3,389	442	102	130	0	792	27,483	
EAST SOUTH CENTRAL	318	434	968	42	0	105	0	231	2,098	
WEST SOUTH CENTRAL	576	534	2,978	213	1	245	0	1,046	5,593	
MOUNTAIN	628	953	1,454	184	2	10	0	204	3,436	
PACIFIC	3,210	1,886	1,067	162	31	152	0	188	6,695	
TOTAL OF REGIONS 5/	32,024	38,651	27,133	2,782	405	2,452	1	7,250	110,698	

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED PCCL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, SKIM MILK, AND CREAM USED IN FCCD PRODUCTS, WHOLE MILK POWDER, AND ABRATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LCSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

TABLE 13. MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1978

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
	MILK, SKIM MILK, AND CREAM POUNDS <u>1,000 LBS.</u>								
MILK, SKIM MILK, AND CREAM POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	7,601	112,530	39,517	33,793	45,440	66,645	2,321	23,125	330,973
SOUTH ATLANTIC	825	4,470	9,862	299	466	1,068	2,526	7,776	27,295
EAST NORTH CENTRAL	25,204	550,756	78,309	122,317	109,839	1D4,334	6,987	73,291	1,071,338
WEST NORTH CENTRAL	22,565	362,408	33,759	42,516	154,149	19,376	1,846	23,297	659,918
EAST SOUTH CENTRAL	880	8,973	1C,504	4,628	1,3D2	3,037	677	6,344	36,343
WEST SOUTH CENTRAL	1,822	12,235	22,402	22,328	6,782	10,446	5,086	16,718	97,819
MOUNTAIN	1,673	32,579	15,757	20,643	3,059	6,010	2,604	5,621	87,946
PACIFIC	8,261	57,238	12,305	19,110	42,783	4,937	661	4,335	149,631
TOTAL OF REGIONS 5/	68,832	1,141,189	222,416	265,634	363,821	215,554	22,707	160,511	2,460,963
BUTTER/FAT POUNDS									
MILK, SKIM MILK, AND CREAM POUNDS	<u>1,000 LBS.</u>								
	2,118	3,812	6,234	374	47	967	D	1,247	14,797
	287	154	1,874	7	0	14	0	338	2,674
	10,151	21,189	9,321	1,195	133	981	D	2,947	45,918
	9,283	13,064	3,446	464	84	116	C	1,055	27,464
	347	318	1,349	47	0	107	D	256	2,425
	745	377	2,864	234	5	238	0	645	5,1D8
	605	1,201	1,359	172	2	84	C	238	3,660
	2,900	2,257	1,117	174	38	138	D	228	6,853
	26,436	42,372	27,565	2,668	309	2,645	D	6,905	1C8,900

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CCOENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNCERTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

Table 14.--Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1978 to date, with comparisons 1/

Manufactured dairy products	January	February	March	April	May	June	Percent	
	1978	1977	1978	1977	1978	1977	1978	1977
Butter	35.8	35.8	34.0	34.2	31.5	30.8	30.2	29.1
Cheese	36.5	35.7	37.4	35.7	38.3	40.2	39.2	40.5
Frozen desserts	16.3	17.2	18.4	18.8	19.0	21.2	19.8	20.7
Cottage cheese	1.9	2.1	2.0	2.3	2.1	2.4	1.9	2.2
All other 2/	9.5	9.2	8.2	9.0	9.1	7.4	8.6	7.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July	August	September	October	November	December	Percent	
	1978	1977	1978	1977	1978	1977	1978	1977
Butter	23.0	25.5	21.5	25.3	24.3	28.9	24.3	23.0
Cheese	41.1	38.7	39.1	35.5	38.9	34.9	34.9	38.7
Frozen desserts	24.4	24.5	27.6	27.4	25.3	24.5	24.5	24.4
Cottage cheese	2.1	2.4	2.3	2.5	2.4	2.5	2.5	2.1
All other 2/	9.4	8.9	9.5	9.3	9.1	9.2	9.2	9.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some of the data are partially estimated.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 15.—Federal order base and excess prices for milk of 3.5 percent butterfat content, October 1/

Marketing area	Base price	Excess price	Marketing area	Base price	Excess price
	1978 : 1977	October : 1977	Dollars per 100 lb.	1978 : 1977	Dollars per 100 lb.
Central Arkansas			Nashville		
Fort Smith	11.91	10.80	Oregon-Washington	11.17	10.01
Georgia 2/			Puget Sound 2/	11.53	10.48
Memphis			Southern Michigan	10.91	9.71
Middle Atlantic	11.56	10.46	Tennessee Valley		

1/ See footnotes on table 2 for location at which price is reported.
 2/ Class I base plan.

Table 16.—Seasonal incentive fund included under various Federal milk orders, October

Marketing area	Base price	Excess price	Marketing area	Base price	Excess price
	1978 : 1977	Dollars per 100 lb.	1978 : 1977	Dollars per 100 lb.	
Central Illinois	0.32	0.35	New York-New Jersey	0.45	0.45
Eastern Ohio-W. Pa.	•28	•29	Ohio Valley	•26	•24
Indiana 1/	—	•30	Paducah	•49	•48
Louisville-Lexington-			St. Louis-Ozarks	•32	•34
Evansville	•45	•46	Southern Illinois	•38	•37
New England	•44	•42			

1/ Seasonal incentive plan has been suspended for the period April through December 1978.

Table 17.—Dairy product prices and manufacturing milk prices January 1978 to date with comparisons

Month	Dairy product market prices									
	BUTTER 1/		CHEESE 1/		NONFAT DRY MILK 2/		EDIBLE L/		DRIED MILK,	
	Chicago	New York	Wis. assembling points	Chicago area	plant	spray process	Central States	Production Area	NonHydro 3/	
Grade A	Grade AA	Barrel	Blocks							
1978	1977	1978	1977	1978	1977	1978	1977	1978	1978	1977
				Cents per pound						
January	100.71	90.82	104.88	94.00	93.09	100.08	92.62	68.00	62.53	17.54
February	100.71	90.82	104.42	94.00	92.80	100.84	92.62	67.84	62.50	16.09
March	101.15	92.68	107.55	97.01	97.00	88.51	101.38	93.80	67.98	62.45
April	105.20	100.06	109.94	103.83	98.25	93.38	102.62	97.89	69.71	64.75
May	106.71	100.71	110.35	103.75	98.25	92.67	102.62	97.86	70.71	67.66
June	106.71	100.71	111.62	103.75	98.25	89.76	102.62	97.44	70.75	65.68
July	107.94	100.71	113.38	103.75	98.56	92.34	102.92	97.12	70.56	67.77
August	116.71	100.71	122.15	103.85	105.01	93.00	109.08	97.12	71.29	67.77
September	115.81	100.72	122.88	105.46	106.50	94.45	110.75	98.29	72.33	67.94
October	115.64	100.73	123.44	106.97	111.01	94.13	115.52	98.26	73.61	67.75
November	100.89	101.54	106.26	107.44	95.02	93.79	100.12	98.82	67.94	17.78
December	98.42	102.51	102.51	102.51	91.32	91.32	96.83	66.22	11.62	18.21

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content			
	Minn.-Wis. Manuf.		Butter powder "Snubber" 5/	
	Grade milk 4/	1978	1977	1977
Dollars per 100 lb.				
January		8.91	8.19	9.33
February		9.00	8.16	9.31
March		9.09	8.31	9.34
April		9.24	8.60	9.65
May		9.25	8.62	9.80
June		9.26	8.60	9.80
July		9.33	8.65	9.84
August		9.68	8.64	10.27
September		9.90	8.74	10.32
October		10.18	8.74	10.41
November			8.79	9.31
December			8.87	9.33

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by ESCS. 3/ Simple average of hygroscopic and nonhygroscopic producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by ESCS. 4/ Average price paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by ESCS. 5/ Chicago Grade A butter price converted by using Chicago Grade A butter price times 0.120. 5/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 18.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1978 to date

Month	U.S. milk prices		U.S. milk prices, 3.5 percent butterfat basis 1/						U.S.													
	All milk	Manufacturing	All milk	Milk eligible	Manufacturing	Paid farmers for milk used in:	Grade milk	Market 2/	Butter 3/	American cheese 3/	Evaporated milk 3/											
	Wholesale 2/	Grade milk 2/	wholesale 2/	for fluid	market 2/	2/	2/	2/	2/	cheese 3/	milk 3/											
Price	1978**	1978*	Parity: Price	% of Av.	Parity: Price	Parity: Price	Parity: Price	Parity: Price	Parity: Price	Parity: Price	Parity: Price											
Price at	cent	price	: parity	: at	price	: parity	: parity	: parity	: parity	: parity	: parity											
price	: of par-	: price	: fat	: test	: price	: parity	: parity	: parity	: parity	: parity	: parity											
5/	: test	: equiv.	: test	: test	: equiv.	: equiv.	: equiv.	: equiv.	: equiv.	: equiv.	: equiv.											
6/	: test	: alient																				
			Dollars per 100 pounds																			
Jan.	13.40	10.20	73	11.47	9.12	3.78	78.4	9.84	9.29	10.14	9.54	8.78	8.15	8.03	8.77	8.03	8.82	8.16	8.50	8.07	1.69	1.51
Feb.	13.60	10.20	72	11.64	9.18	3.74	78.2	9.89	9.25	10.17	9.50	8.89	8.16	8.04	8.84	8.02	8.91	8.16	8.64	8.09	1.70	1.46
Mar.	13.80	10.20	73	11.81	9.23	3.70	77.8	9.93	9.24	10.12	9.46	8.99	8.27	8.05	8.72	9.04	8.12	8.29	8.73	8.18	1.68	1.45
Apr.	14.00	10.10	74	11.98	9.28	3.65	77.7	9.91	9.30	10.11	9.49	9.09	8.52	8.08	8.50	9.15	8.15	8.57	8.88	8.35	1.62	1.42
May	14.10	10.00	74	12.07	9.27	3.60	77.5	9.87	9.30	10.07	9.48	9.14	8.55	8.05	8.56	9.18	8.18	8.58	8.88	8.39	1.60	1.40
June	14.20	10.00	76	12.16	9.23	3.54	77.3	9.95	9.38	10.16	9.59	9.18	8.54	8.10	8.56	9.10	8.23	8.53	8.94	8.40	1.59	1.43
July	14.20	10.10	75	12.16	9.26	3.53	77.6	10.09	10.50	10.29	9.73	9.22	8.56	9.24	8.25	9.27	8.58	8.93	8.43	1.64	1.52	
Aug.	14.20	10.50	75	12.16	9.58	3.55	80.2	10.46	9.65	10.67	9.90	9.51	8.59	9.48	8.58	9.54	8.62	9.08	8.43	1.76	1.65	
Sept.	14.40	10.90	75	12.33	9.92	3.63	80.9	10.77	9.84	10.99	10.08	9.74	8.66	9.72	8.63	9.80	8.69	9.33	8.43	1.81	1.76	
Oct.	14.50	11.30	75	12.41	10.50	3.76	83.6	10.99	9.82	11.21	10.13	10.14	8.68	9.98	8.67	10.21	8.73	9.55	8.41	1.86	1.79	
Nov.													9.87	10.19	8.73	8.69	8.79	8.69	8.43	1.76	1.72	
Dec.													9.83	10.04	8.80	8.76	8.86	8.48	8.43	1.76	1.72	
Sr. av.													9.54	9.78	8.51	8.46	8.54	8.33	8.33	1.57	1.57	

Month	General price measures		General price measures						Price indexes											
	Prices paid by farmers	Price received by farmers	Parity ratio	Parity ratio	Dairy products	Dairy products	All commodities	All commodities	Dairy products	Retail 9/										
	2/ 10/	2/ 10/	2/ 11/	2/ 11/	products	products	commodities	commodities	products	Indexes 1967=100										
1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977	1978 : 1977										
January	209	198	186	183	185	170	203	192	92	199.9	188.0	178.0	166.8	187.2	175.3	199.2	183.4	177.7	171.3	
February	211	200	193	186	196	174	203	190	93	202.0	190.0	178.7	166.9	188.4	177.1	202.0	187.7	178.8	172.1	
March	214	202	190	204	171	203	187	93	94	205.8	191.9	180.3	168.1	189.8	178.2	204.2	188.6	179.3	171.2	
April	216	204	208	191	172	201	187	96	94	206.4	194.3	181.5	173.6	191.5	179.6	201.5	190.9	181.6	171.4	
May	219	204	215	193	171	199	185	98	95	207.9	195.9	186.5	174.2	193.3	180.6	210.3	191.7	183.5	173.1	
June	220	204	217	173	184	179	199	186	99	209.4	196.4	187.4	174.3	192.3	181.8	213.8	193.6	184.8	173.3	
July	220	203	215	180	217	179	201	189	98	210.6	194.9	186.1	175.1	196.7	182.6	215.0	194.6	185.3	171.1	
August	220	201	210	175	217	177	208	193	95	210.4	194.6	190.8	177.4	197.8	183.3	214.4	195.2	186.1	175.1	
September	223	201	215	174	226	177	217	199	96	87	212.3	195.3	192.9	175.7	199.3	184.0	215.6	194.5	188.8	175.4
October	224	201	217	178	232	177	203	197	97	89	215.0	195.3	197.0	174.7	200.9	184.5	216.8	194.4	191.1	176.2
November	202																			
December	203																			
Average	202																			

* Preliminary. ** Based on partially revised data. 1/ Converted by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices," USGS. 3/ Parity prices shown are based on data for the current month. 6/ Seasonally adjusted. 7/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price times 0.120 as a percentage of parity price equivalent. 8/ "Wholesale Prices and Price Index," BLS. 9/ "Consumer Price Index," BLS. The data for 1978 represent the new index for all urban consumers. This index was not available in 1977. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

Table 19.—Consumer Price Index for all Urban Consumers: Selected dairy products, United States city average, 1978 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products	
	Percent:		Percent:		Percent:		Percent:	
	Index 2/ from 1977	change	Index 2/ from 1977	change	Index 2/ from 1977	change	Index 2/ from 1977	change
January	164.8	1.9	169.6	10.1	100.5	—	99.4	—
February	165.5	2.4	169.3	9.8	101.2	—	100.7	—
March	166.3	3.0	170.3	9.9	101.3	—	100.9	—
April	168.3	4.3	173.3	10.4	102.5	—	102.1	—
May	170.1	5.3	174.4	7.2	103.2	—	104.7	—
June	171.4	5.5	175.8	7.3	104.0	—	104.9	—
July	171.7	6.3	176.5	7.6	104.4	—	104.8	—
August	172.1	5.6	180.7	9.9	104.8	—	105.5	—
September	174.2	7.1	187.0	13.1	106.7	—	106.4	—
October	176.5	8.0	189.3	14.2	107.8	—	108.0	—
November	:	:	:	:	:	:	:	:
December	:	:	:	:	:	:	:	:

1/ "CPI Detailed Report," Bureau of Labor Statistics U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. 2/ The standard reference base period for these indexes is 1967=100. 3/ The standard reference base period for these indexes is December 1977=100. For this reason, percent changes from the previous year are not calculable.

Table 20.—Consumer Price Index for All Urban Consumers: Selected areas, all dairy products combined, 1978 1/

Area	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	(1967=100, unless otherwise noted)											
Anchorage, Alas. 2/	—	179.9	180.4	181.6	182.8	182.5	182.8	183.8	185.6	186.0	—	—
Atlanta, Ga.	197.5	198.4	201.7	206.5	212.7	210.5	211.2	212.1	212.7	214.4	—	—
Baltimore, Md.	—	—	—	—	180.4	181.8	183.4	183.8	184.6	184.4	187.5	—
Boston, Mass.	—	—	172.9	172.2	173.0	176.0	178.6	180.0	179.1	182.2	186.0	—
Buffalo, N.Y.	—	—	175.7	178.4	178.8	179.7	181.7	183.6	183.9	186.5	—	—
Chicago, Ill.-NW. Ind.	173.4	173.0	174.0	173.9	178.0	179.1	181.0	182.3	188.8	189.7	—	—
Cincinnati, O.-Ky.-Ind.	—	—	—	186.6	190.2	191.6	190.0	190.8	192.3	201.7	—	—
Cleveland, Ohio	—	—	—	190.3	192.3	198.2	199.6	198.7	193.3	210.6	202.4	—
Dallas, Ft. Worth, Tex.	—	—	179.1	176.0	179.8	180.9	183.8	184.5	187.2	193.6	—	—
Denver, Boulder, Col.	—	189.7	189.4	194.8	195.5	194.8	196.8	197.7	198.8	201.8	—	—
Detroit, Mich.	176.0	177.8	177.3	184.5	186.9	186.9	186.8	186.6	194.4	199.5	—	—
Honolulu, Hawaii	191.5	192.3	199.8	201.9	202.1	204.6	205.0	203.5	206.2	207.8	—	—
Houston, Texas	—	—	—	—	200.1	201.0	199.9	200.4	203.0	204.4	—	—
Kansas City, Mo.-Kans.	191.1	192.8	194.0	195.1	198.2	198.5	201.0	201.2	206.9	211.0	—	—
LA-L. Beach, Ana., Ca.	165.5	164.6	164.8	166.7	168.2	170.9	169.6	171.7	172.7	172.9	—	—
Miami, Fla. 3/	100.9	100.5	101.1	101.1	103.2	102.6	103.3	105.6	107.5	108.6	—	—
Milwaukee, Wis.	182.9	180.0	182.0	181.8	187.5	189.2	186.7	190.8	197.2	196.6	—	—
Mpls.-St. Paul, Minn.-W.	—	—	—	—	195.0	197.6	200.5	200.7	203.8	212.0	—	—
New York, N.Y.-N.J.	181.0	182.9	182.3	184.7	185.3	186.6	187.5	187.3	187.5	191.1	—	—
Northeastern Pa.	174.3	175.1	175.0	175.8	175.9	178.7	181.3	182.5	183.3	186.4	—	—
Philadelphia, Pa.-N.J.	184.6	185.4	186.9	187.5	189.8	191.6	189.7	190.1	193.7	194.5	—	—
Pittsburgh, Pa.	—	—	—	—	177.2	177.5	177.3	175.5	178.9	186.2	—	—
Portland, Oreg.-Wash.	—	161.8	162.8	165.6	166.8	167.1	166.1	167.9	169.6	172.8	—	—
St. Louis, Mo.-Ill.	—	—	—	193.9	196.9	197.7	200.6	198.2	202.8	201.2	—	—
San Diego, Calif.	166.1	166.9	166.8	167.2	168.1	170.8	171.8	171.7	173.9	173.6	—	—
San Fran.-Oak., Calif.	169.8	170.4	171.4	173.0	173.7	173.2	173.5	175.1	176.6	177.0	—	—
Seattle, Everett, Wash.	171.0	173.9	176.8	178.5	179.6	179.2	170.1	170.3	173.3	176.8	—	—
Wash., D.C.-Md.-Va.	163.7	167.2	168.2	170.7	170.3	175.3	175.1	176.0	175.5	178.7	—	—

1/ "CPI Detailed Report," Bureau of Labor Statistics, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. 2/ The standard reference base period for this area is October 1967=100. 3/ The standard reference base period for this area is November 1977 = 100.

Table 21.--U.S. production, January 1978 to date, with comparisons

Month	Milk 1/		Butter 2/		Total Cheese		Nonfat dry milk 2/		Frozen desserts	
	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. lbs.	
	:	:	:	:	:	:	:	:	:	:
Jan.	10.0	9.9	108.3	105.5	274.0	265.6	79.7	70.3	69.5	69.0
Feb.	9.3	9.3	95.7	95.4	260.6	252.5	70.6	71.7	75.5	75.3
Mar.	10.5	10.6	97.7	98.4	311.8	299.7	84.4	88.0	98.6	101.8
Apr.	10.7	10.7	98.5	99.9	306.2	304.6	96.4	105.9	95.2	98.0
May	11.2	11.4	96.7	103.2	328.7	326.0	103.0	119.8	108.2	106.1
June	10.9	11.0	84.7	93.0	332.9	315.9	113.5	130.2	126.0	123.2
July	10.6	10.7	73.7	81.8	297.0	280.1	98.2	123.2	119.4	118.9
Aug.	10.3	10.4	64.2	77.8	284.6	275.6	78.6	106.0	123.1	121.3
Sept.	9.7	9.9	64.5	75.0	264.9	251.7	59.1	77.6	103.1	102.1
Oct.	9.8	9.8	71.1	84.5	279.4	256.8	49.0	70.4	90.6	83.7
Nov.	:	9.4	:	81.5	:	247.7	:	65.1	:	76.4
Dec.	:	9.8	:	89.5	:	281.6	:	78.0	:	71.7
Year to date 3/	103.1	123.0	855.1	1,085.6	2,940.2	3,357.9	832.5	1,106.0	1,009.3	1,147.4

* Preliminary.

** Partially revised.

1/ "Milk Production," ESCS.

2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.

3/ May not add due to rounding.

Table 22.--Commercial and government storage holdings, January 1978 to date, with comparisons

Month	Storage Holdings 1/									
	Butter 2/			Total Cheese 2/			Nonfat dry milk 2/			
	Total 3/	Total 3/	Total 3/	Total 3/	Total 3/	Total 3/	Commer-	Gov't	Commer-	Gov't
	cial	cial	cial	cial	cial	cial	cial	cial	cial	cial
Commer-	Gov't	:	:	Gov't	:	:	Gov't	:	Gov't	:
cial	1978*	1978*	1977**	1978*	1978*	1978*	1978*	1978*	1978*	1977**
1978	:	:	:	:	:	:	4/	5/	4/	5/
Million pounds				Million pounds			Million pounds		Million pounds	
Jan.	55.8	142.9	198.7	67.7	422.1	38.1	460.2	485.7	61.4	628.0
Feb.	57.6	158.4	215.9	94.2	405.6	37.0	442.6	471.2	55.2	626.2
Mar.	45.4	190.2	235.6	106.3	399.7	31.4	431.0	485.8	49.8	612.3
Apr.	49.0	196.6	245.6	128.2	421.9	26.3	448.2	510.3	79.1	607.4
May	52.3	212.3	264.6	163.8	440.6	21.7	462.3	557.2	86.8	600.9
June	40.3	240.6	280.9	197.1	480.1	21.0	501.1	583.7	94.7	607.0
July	42.0	270.6	312.7	209.0	480.8	20.8	501.6	592.9	95.0	618.7
Aug.	37.2	245.2	282.4	208.6	474.5	16.6	491.1	592.9	74.9	626.8
Sept.	28.1	238.5	266.6	203.3	461.7	14.1	475.8	553.9	64.1	617.4
Oct.	26.1	221.5	247.6	195.4	442.0	10.8	452.8	502.8	54.7	584.9
Nov.	:	:	:	193.4	:	:	479.8	:	:	639.5
Dec.	:	:	:	184.9	:	:	468.6	:	:	673.9
										677.9

* Preliminary.

** Based on partially revised data.

1/ End of month.

2/ "Cold Storage Reports," ESCS.

3/ May not add due to rounding.

4/ "Dairy Products," ESCS.

5/ "Summary of Processed Commodities in store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1978 to date with comparisons

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (Delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A.

domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.

Process cheese. 67 thousand pounds purchased in 3

4/ Includes 21,905 thousand pounds purchased in 500-pounds barrels, and 68,779 thousand pounds purchased as processed cheese.

5/ Includes 318 million pounds (milk equivalent) of evaporated, 6/ Includes 262 million pounds (milk equivalent) of evaporated

Fluid Milk Sales by Size and Type of Container
and Distribution Method*

Handlers regulated under Federal milk orders process approximately three-quarters of all the fluid milk products sold in the United States. During 1977, this volume was nearly 41 billion pounds, approximately 4.8 billion gallons. In general, the size and type of containers, and methods of distribution, wholesale and home-delivered, used to market this production would be representative of the entire country.

To obtain this information, a survey was made of fluid milk sales under 47 Federal milk marketing areas during November 1977. ^{1/} Although the data are based on November fluid milk sales, the relationships shown for sizes and types of containers would be representative in other months of the year. One exception would be sales in half-pint containers which would not be applicable to sales in a nonschool month.

Some highlights of this survey, with comparisons to previous years, are:

(1) The proportion of fluid milk product sales in paper containers continued to decrease. During November 1977, 58 percent of total sales were made in paper containers, 41 percent in plastic containers, and one percent in glass containers. The respective figures in November 1975 were 67 percent, 31 percent, and 2 percent. See table 1.

(2) Among the fluid milk product groups, 60 percent of lowfat and skim milk items were distributed in paper containers. This proportion for whole milk items was 57 percent. By way of contrast, more whole milk items were sold in plastic containers, 42 percent versus 39 percent for lowfat and skim milk items. See table 1.

(3) Gallon containers, the predominant size in which fluid milk products are sold, increased its share of the total. During November 1977, 49 percent of total sales were made in gallons, 29 percent in half-gallons, 11 percent in half-pints, six percent in quarts, with the remaining five percent in pints, bulk containers and other sizes. Between November 1975 and November 1977, sales of fluid milk in gallon containers increased six percentage points at the expense of half-gallons which decreased five points and quarts which were down one point. See table 2.

(4) Wholesale sales now account for 95 percent of total fluid milk sales; home-delivery accounts for five percent.

The Dairy Division plans to release a detailed report on this survey, including individual market data and individual product data in the near future. This report will be entitled, "Packaged Fluid Milk Sales in Federal Milk Order Markets By Size and Type of Containers, and Distribution Method, During November 1977."

^{1/} The Dairy Division has conducted a series of such surveys which provided information for November 1963 through 1967, 1969, 1971, 1973, and 1975. The survey conducted in November 1977 differs from these previous surveys. Under the current survey volume data on fluid milk sales by size and type of container were collected for whole milk items and lowfat and skim milk items only. Also, these data were not broken down by method of distribution. However, the detailed report will contain for fluid cream and other specialty products a listing of the containers in which the larger volumes of these products were sold, and for home-delivery and for several components of wholesale distribution, the relative sales volume in each method.

*Prepared by John P. Rourke and Mary L. Rolark.

Table 1.--Percentage of whole milk items, and lowfat and skim milk items, sold by type of container, by handlers regulated in Federal milk order markets, November 1963-67, 1969, 1971, 1973, 1975, and 1977 ^{1/}

Year	: Number of mkts. 2/	: Glass 2/	: Paper 2/	: Plastic 2/	: Other 2/	: Total 2/
<u>WHOLE MILK ITEMS 4/</u>						
1963	68	33	62	5/	5	100
1964	67	32	62	3	3	100
1965	68	29	64	5	2	100
1966	68	26	66	6	2	100
1967	71	21	70	8	1	100
1969 ^{6/}	66	13	75	11	1	100
1971 ^{6/}	61	7	77	16	*	100
1973 ^{6/}	61	4	70	26	*	100
1975 ^{6/}	56	3	66	31	*	100
1977 ^{6/}	47	1	57	42	*	100
<u>LOWFAT AND SKIM MILK ITEMS 7/</u>						
1963	68	25	73	5/	2	100
1964	67	22	75	1	2	100
1965	68	22	75	2	1	100
1966	68	20	76	3	1	100
1967	71	16	79	4	1	100
1969 ^{6/}	66	10	82	7	1	100
1971 ^{6/}	61	6	83	11	*	100
1973 ^{6/}	61	4	74	22	*	100
1975 ^{6/}	56	2	69	29	*	100
1977 ^{6/}	47	1	60	39	*	100
<u>TOTAL WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS</u>						
1963	68	32	63	5/	5	100
1964	67	31	64	2	3	100
1965	68	29	65	4	2	100
1966	68	25	67	6	2	100
1967	71	20	71	8	1	100
1969 ^{6/}	66	12	76	11	1	100
1971 ^{6/}	61	7	78	15	*	100
1973 ^{6/}	61	4	71	25	*	100
1975 ^{6/}	56	2	67	31	*	100
1977 ^{6/}	47	1	58	41	*	100

* Less than one-half of one percent.

1/ Based on total sales including both wholesale and home-delivered.

2/ Number of markets for which complete data were available.

3/ Percentages represent metal cans and plastic bag-in-box containers 1963, metal cans 1964-1977, and unidentified types in 1977.

4/ Whole milk items include plain and flavored whole milk.

5/ Data not available.

6/ Includes New York-New Jersey.

7/ Lowfat and skim milk items include plain, added solids, and flavored lowfat and skim milk, and buttermilk.

Table 2.--Percentage of whole milk items and lowfat and skim milk items sold by size of container, by handlers regulated in Federal milk order markets, November 1963-67, 1969, 1971, 1973, 1975, and 1977 ^{1/}

Year											<u>Bulk 3/</u>		Total							
	: Number :	: :	: :	: :	: :	: :	: Other	5-10 : Over												
	: of mkts. :	Gal.	½-gal.	Quarts	Pints	½-pt.	:	qts.	: 10 qts.:											
<hr/>																				
<hr/>																				
<u>WHOLE MILK ITEMS 4/</u>																				
1963	:	68	:	14	:	56	:	14	:	1	:	10	:	*	:	**	:	5**	:	100
1964	:	67	:	17	:	54	:	11	:	1	:	11	:	*	:	1	:	5	:	100
1965	:	68	:	18	:	53	:	11	:	1	:	11	:	*	:	1	:	5	:	100
1966	:	68	:	19	:	52	:	10	:	1	:	12	:	*	:	1	:	5	:	100
1967	:	71	:	20	:	52	:	8	:	1	:	12	:	1	:	1	:	5	:	100
1969 ^{5/}	:	66	:	23	:	45	:	12	:	1	:	12	:	1	:	1	:	5	:	100
1971 ^{5/}	:	61	:	30	:	41	:	10	:	1	:	13	:	*	:	1	:	4	:	100
1973 ^{5/}	:	61	:	37	:	36	:	8	:	1	:	12	:	1	:	1	:	4	:	100
1975 ^{5/}	:	56	:	43	:	33	:	7	:	1	:	11	:	1	:	*	:	4	:	100
1977 ^{5/}	:	47	:	48	:	28	:	6	:	2	:	12	:	1	:	*	:	3	:	100
<u>LOWFAT AND SKIM MILK ITEMS 6/</u>																				
1963	:	68	:	5	:	56	:	32	:	1	:	4	:	*	:	**	:	2**	:	100
1964	:	67	:	6	:	60	:	27	:	1	:	3	:	*	:	1	:	2	:	100
1965	:	68	:	8	:	60	:	24	:	1	:	3	:	1	:	1	:	2	:	100
1966	:	68	:	13	:	60	:	20	:	1	:	3	:	*	:	1	:	2	:	100
1967	:	71	:	16	:	61	:	16	:	1	:	3	:	*	:	1	:	2	:	100
1969 ^{5/}	:	66	:	19	:	58	:	14	:	1	:	3	:	1	:	2	:	2	:	100
1971 ^{5/}	:	61	:	27	:	55	:	11	:	1	:	3	:	*	:	1	:	2	:	100
1973 ^{5/}	:	61	:	38	:	46	:	8	:	1	:	4	:	*	:	1	:	2	:	100
1975 ^{5/}	:	56	:	44	:	38	:	6	:	1	:	8	:	1	:	*	:	2	:	100
1977 ^{5/}	:	47	:	50	:	32	:	5	:	1	:	10	:	*	:	*	:	2	:	100
<u>TOTAL WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS</u>																				
1963	:	68	:	13	:	56	:	15	:	1	:	9	:	1	:	**	:	5**	:	100
1964	:	67	:	16	:	54	:	13	:	1	:	10	:	1	:	1	:	4	:	100
1965	:	68	:	17	:	54	:	12	:	1	:	10	:	1	:	1	:	4	:	100
1966	:	68	:	18	:	53	:	11	:	1	:	10	:	1	:	1	:	5	:	100
1967	:	71	:	19	:	53	:	9	:	1	:	11	:	1	:	1	:	5	:	100
1969 ^{5/}	:	66	:	23	:	48	:	12	:	1	:	10	:	1	:	1	:	4	:	100
1971 ^{5/}	:	61	:	29	:	44	:	10	:	1	:	11	:	1	:	1	:	3	:	100
1973 ^{5/}	:	61	:	37	:	38	:	8	:	1	:	10	:	1	:	1	:	4	:	100
1975 ^{5/}	:	56	:	43	:	34	:	7	:	1	:	11	:	1	:	*	:	3	:	100
1977 ^{5/}	:	47	:	49	:	29	:	6	:	1	:	11	:	1	:	*	:	3	:	100

* Less than one-half of one percent.

** "5-10 quarts" and "over 10 quarts" are combined.

1/ Based on total sales including both wholesale and home-delivered.

2/ Number of markets for which complete data were available.

3/ Percentages represent metal cans and plastic bag-in-box containers.

4/ Whole milk items include plain and flavored whole milk.

5/ Includes New York-New Jersey.

6/ Lowfat and skim milk items include plain, added solids, and flavored lowfat and skim milk, and buttermilk.

TABLE 3.—SUMMARY OF FLUID MILK SALES BY SIZE AND TYPE OF CONTAINERS, BY HANOLERS
REGULATED UNDER 47 FEDERAL MILK ORDER MARKETS, NOVEMBER 1977 ^{1/}

SIZE OF CONTAINER ^{2/}	TYPE OF CONTAINER			TOTAL THOUSAND POUNDS.
	GLASS	PAPER	PLASTIC	
^{3/} WHOLE MILK ITEMS ^{2/}				
GALLONS	3.862	255.449	831.469	1.090.780
THREE QUARTS	15.827	1.737	3.493	1.230
HALF GALLONS	9.736	59.248	30.637	635.712
QUARTS	*	130.774	815	139.725
PILOTS		36.306	184	36.490
THIRD QUARTS		1.460	5	1.465
TEN OUNCES		8.367		3.067
HALF PINTS		260.002	1.400	261.697
TOTAL GLASS	<u>28.720</u>			
SIX GALLONS	53.1		39.198	39.729
FIVE GALLONS	2.047		33.654	35.701
TWO AND ONE-HALF GALLONS	3.5		4.005	4.060
TOTAL CAN	<u>2.617</u>			
ALL OTHER SIZES **	<u>187</u>	447	2.613	3.247
TOTAL OF ALL SIZES	31.320	1.284.490	947.473	2.563.483
^{4/} LOWFAT AND SKIM MILK ITEMS ^{2/}				
GALLONS	1.258	179.397	429.047	605.412
THREE QUARTS		*	*	*
HALF GALLONS	12.234	352.212	19.505	384.701
QUARTS	2.233	58.779	79	61.141
PILOTS	6	6.358		6.864
THIRD QUARTS		1.74		1.74
TEN OUNCES		1.157		1.157
HALF PINTS		11.9.472	597	123.028
TOTAL GLASS	<u>15.390</u>			
SIX GALLONS	63.4		10.748	10.748
FIVE GALLONS	*		13.355	13.359
TWO AND ONE-HALF GALLONS			1.367	1.367
TOTAL CAN	<u>63.4</u>			
ALL OTHER SIZES **	<u>47.8</u>	734	3.036	4.248
TOTAL OF ALL SIZES	17.002	719.783	473.644	1.211.429
^{5/} TOTAL FLUID MILK ITEMS				
GALLONS	5.130	434.546	1.255.516	1.695.192
THREE QUARTS		1.737	3.493	5.230
HALF GALLONS	28.111	94.3160	50.142	1.021.413
QUARTS	11.919	139.153	89.4	201.066
PILOTS	6	3.164	134	43.354
THIRD QUARTS		2.034	5	2.039
TEN OUNCES		9.424		9.824
HALF PINTS		379.474	1.907	381.725
TOTAL GLASS	<u>64.610</u>			
SIX GALLONS	53.1		4.9.946	50.477
FIVE GALLONS	2.691		4.7.009	4.9.690
TWO AND ONE-HALF GALLONS	3.35		5.372	5.407
TOTAL CAN	<u>3.207</u>			
ALL OTHER SIZES **	<u>66.5</u>	1,181	5.649	7.495
TOTAL OF ALL SIZES	48.522	2.014.273	1.421.117	3.473.912

* Represents sales made by fewer than three handlers which cannot be shown without revealing the volume of their individual business.

** Includes all restricted quantities.

^{1/} Based on total sales including both wholesale and home-delivered.

^{2/} Two and one-half gallon and larger containers under glass represent metal cans; under plastic represent mostly bag-in-box containers.

^{3/} Whole milk items include plain and flavored whole milk.

^{4/} Lowfat and skim milk items include plain, solids added, and flavored lowfat and skim milk, and buttermilk.

MAJOR ORDER ACTIONS, OCTOBER 1978

Amendments:

Eastern Ohio-Western Pennsylvania - October 1 (43 FR 38797, 8/31/78). The remaining unregulated areas of Ashland, Lorain, and Medina Counties in Ohio are added to the marketing area.

The minimum shipping requirements for pooling a supply plant are reduced to 40 percent for the months of September, October, and November, and to 30 percent during all other months.

An alternative for limitations on diversions by cooperatives and pool plant operators to nonpool plants is added. Diversions during September through March may not exceed 40 percent of the producer receipts at pool plants. In order to be eligible for diversion, a producer must deliver milk to a pool plant at least once during the month.

In addition, August is eliminated as a month in which diversions are limited.

Handlers are required to pay all order obligations to the market administrator who would then make payment to producers, cooperative associations, and handlers who elect to pay their nonmember producers.

The charges on overdue accounts apply on the first day after the due date rather than the third day.

Middle Atlantic - October 1 (43 FR 39744, 9/7/78). The total Class I disposition requirement for pooling distributing plants is reduced to 40 percent during each of the months of March through August.

A distributing plant is also required to dispose of at least 15 percent of its receipts as Class I disposition in the marketing area.

The number of days' production of an individual producer that may be diverted to nonpool plants during September through February is increased to 15 days.

Texas - October 1 (43 FR 44824, 9/29/78). The dairy farmer for other markets provision is modified to permit cooperative associations or pool plant operators to deliver to plants as other than producer milk under the Texas order up to one-third of the production of a dairy farmer during September through November without causing that dairy farmer to be ineligible as a producer under the Texas order during the following February through July.

During the months of September through January at least 15 percent of a producer's deliveries must be physically received at pool plants in order for the producer's milk to be eligible for diversion to nonpool plants.

Also, a cooperative association is allowed to divert milk to nonpool plants from its pool balancing plant.

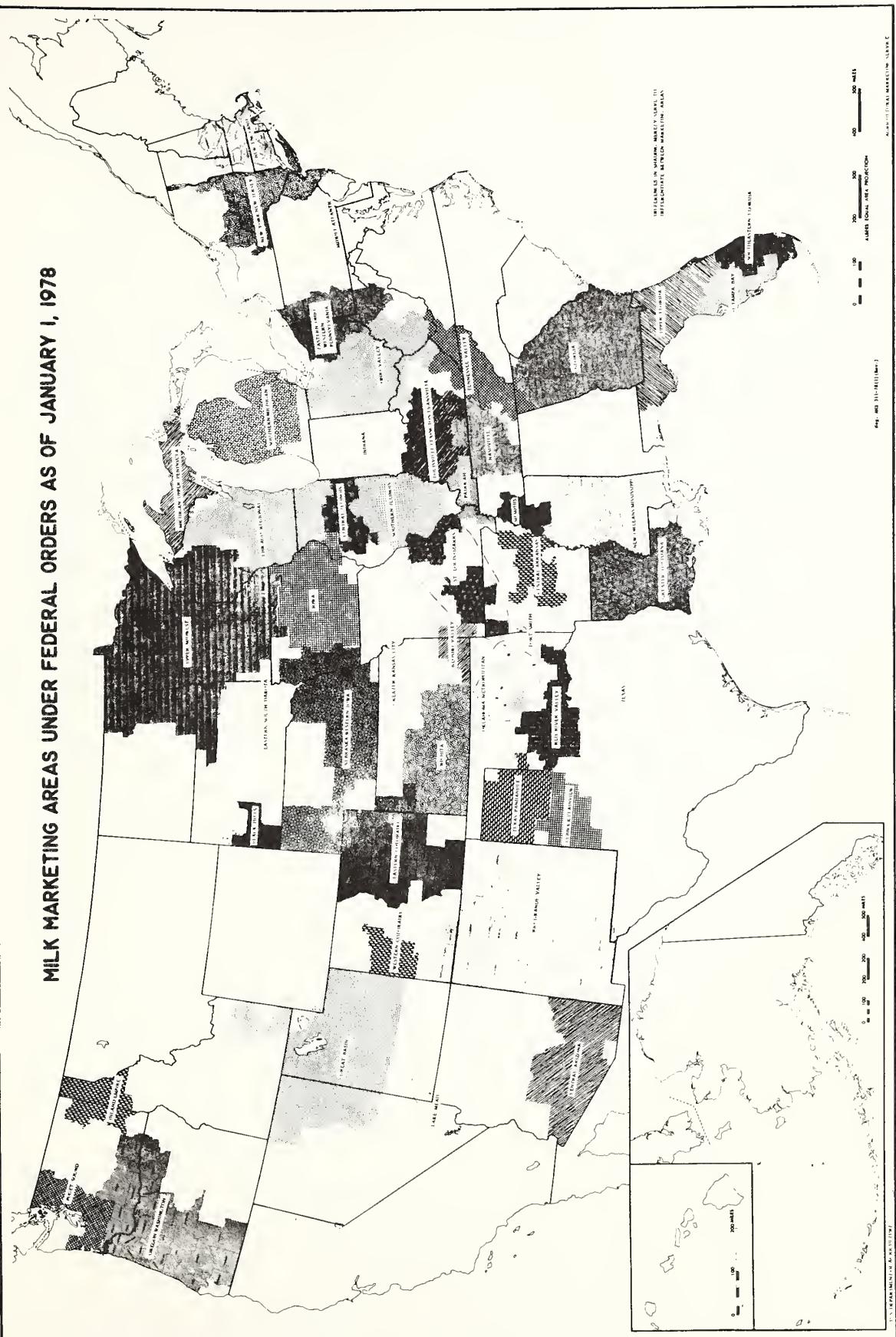
Suspensions:

Middle Atlantic - October 23 (43 FR 49285, 10/23/78). This action reduces the Class I disposition requirement for pool distributing plants to 40 percent during the months November 1978 through February 1979.

The limitations on milk diverted to nonpool plants are suspended during the period October 1978 through February 1979.

Southern Michigan - October 1 (43 FR 36045, 8/15/78). During the months October 1978 through March 1979, the minimum shipping requirement for a pool supply plant is reduced to 30 percent of its Grade A milk.

MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1978





U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
WASHINGTON, D.C. 20250

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

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